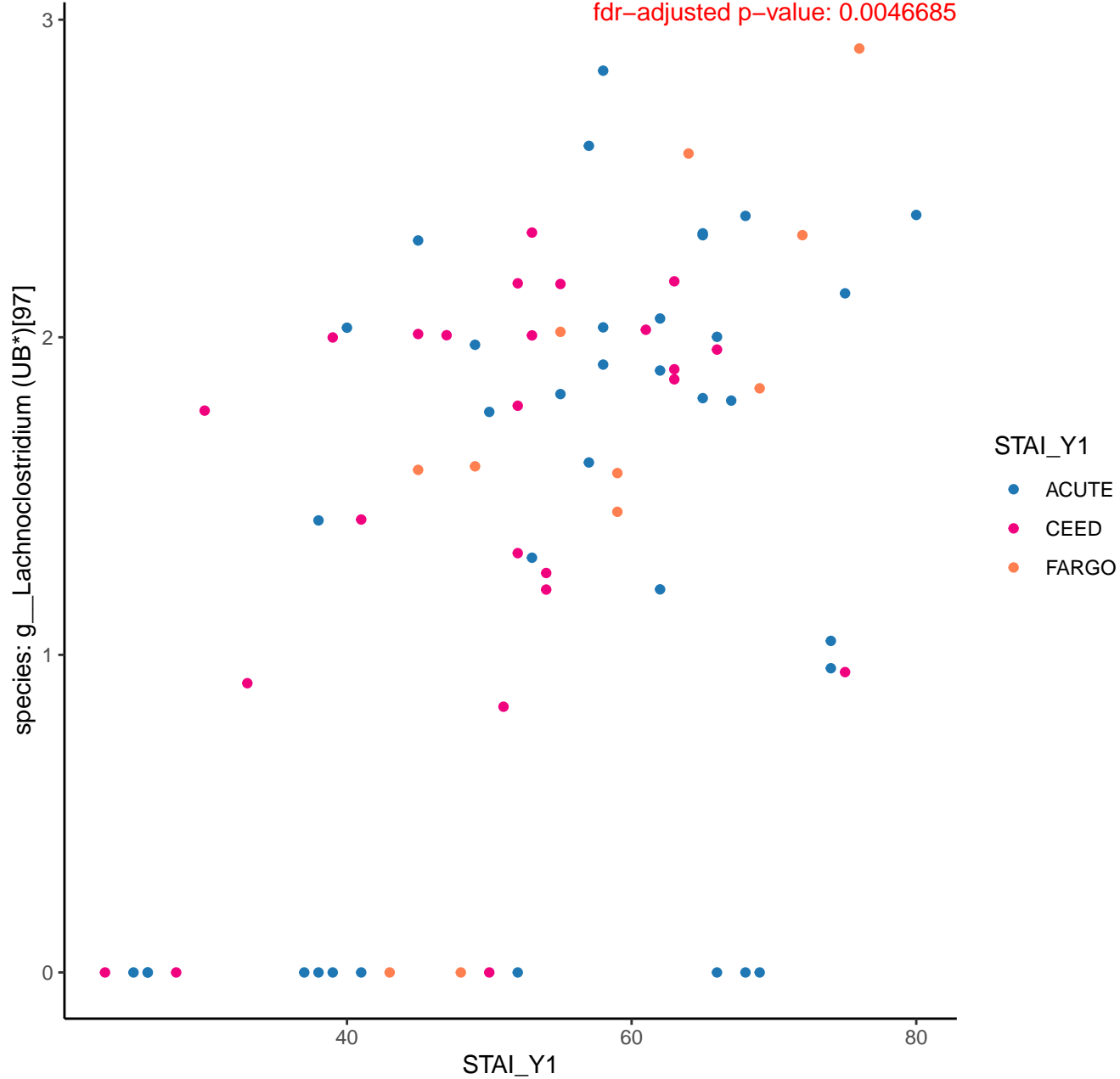


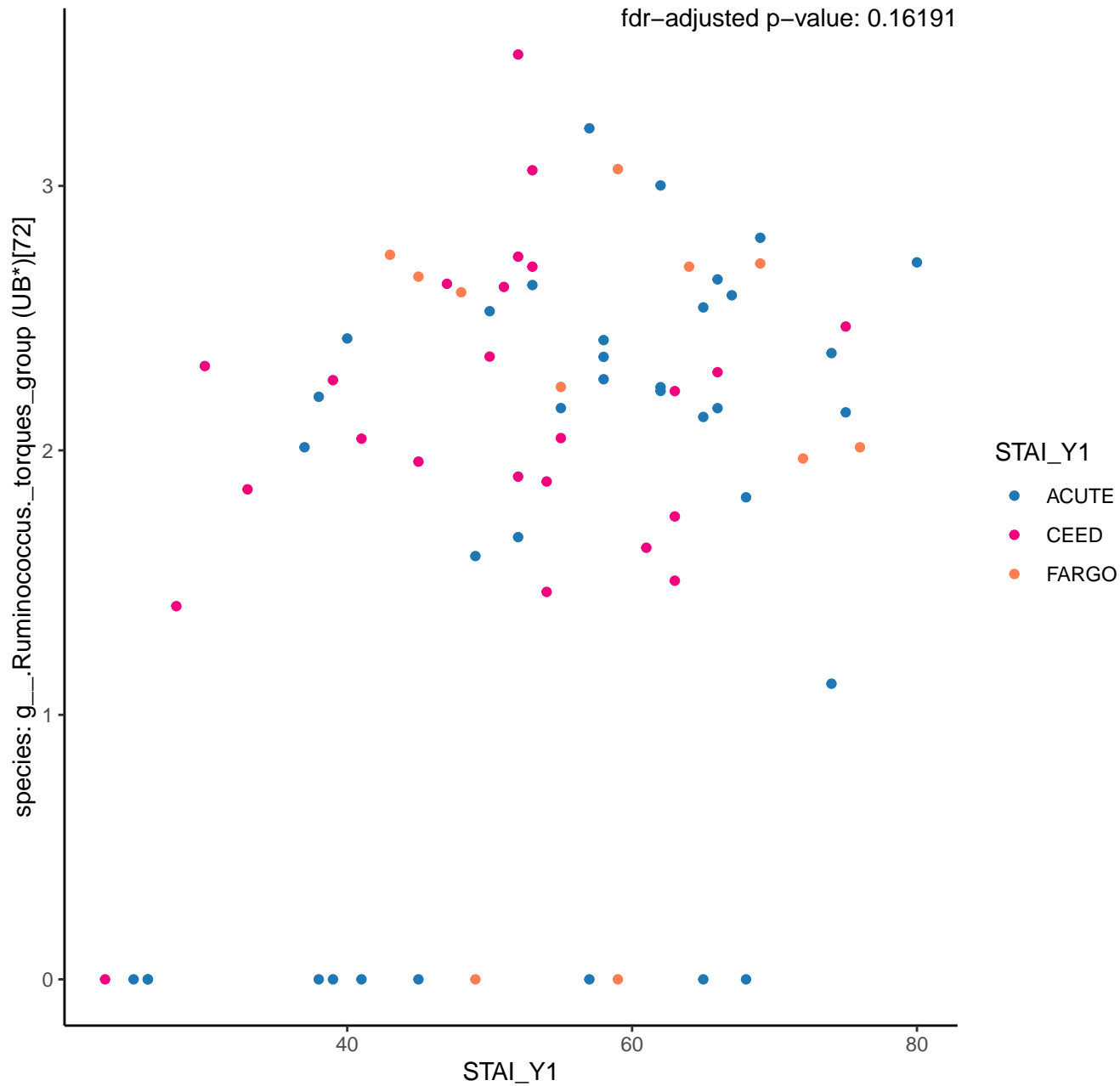
p-value: 2.9178e-05

fdr-adjusted p-value: 0.0046685



p-value: 0.0020239

fdr-adjusted p-value: 0.16191



p-value: 0.0043019

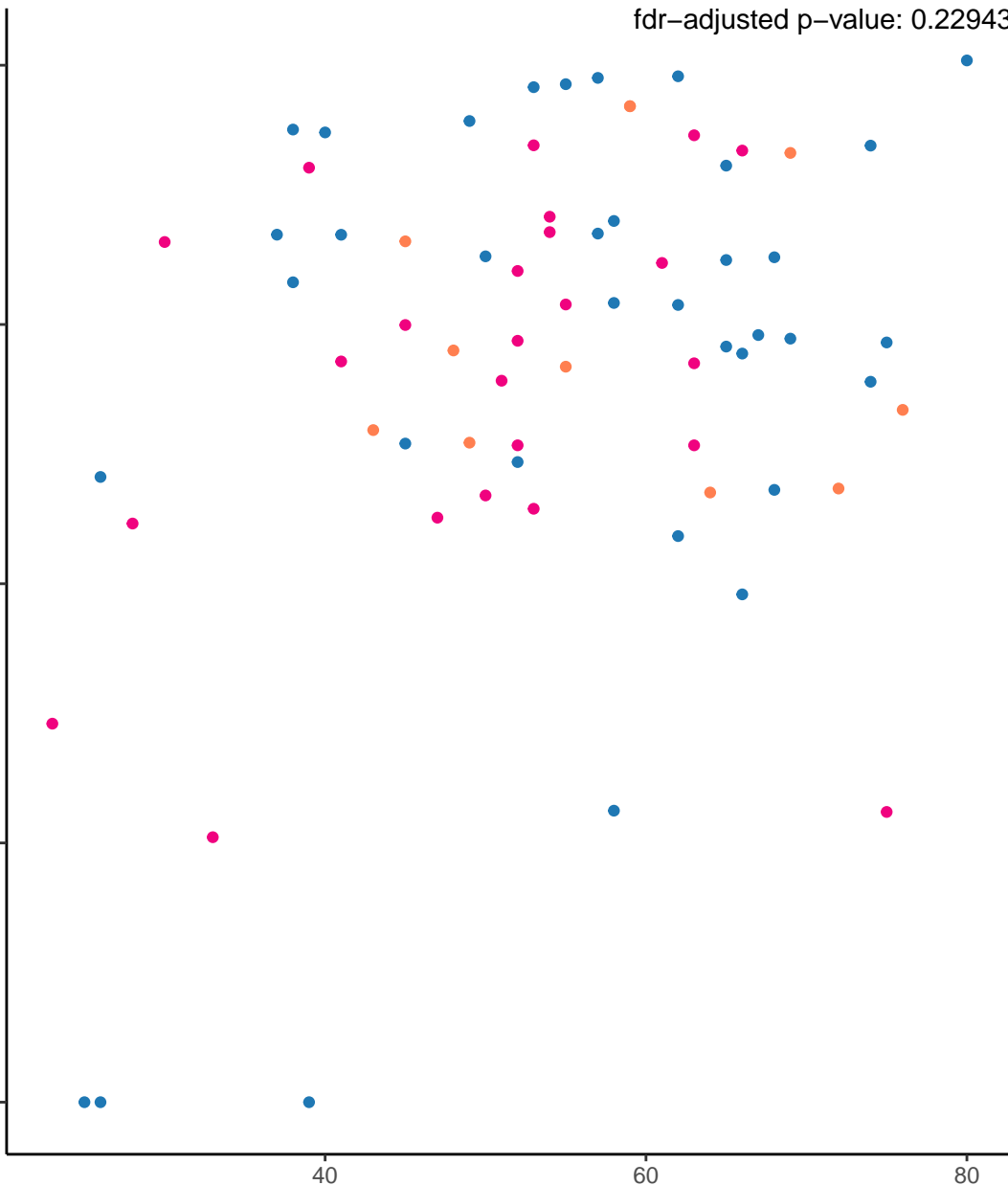
fdr-adjusted p-value: 0.22943

species: g\_\_Bacteroides (UB\*)[15]

STAI\_Y1

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.013326

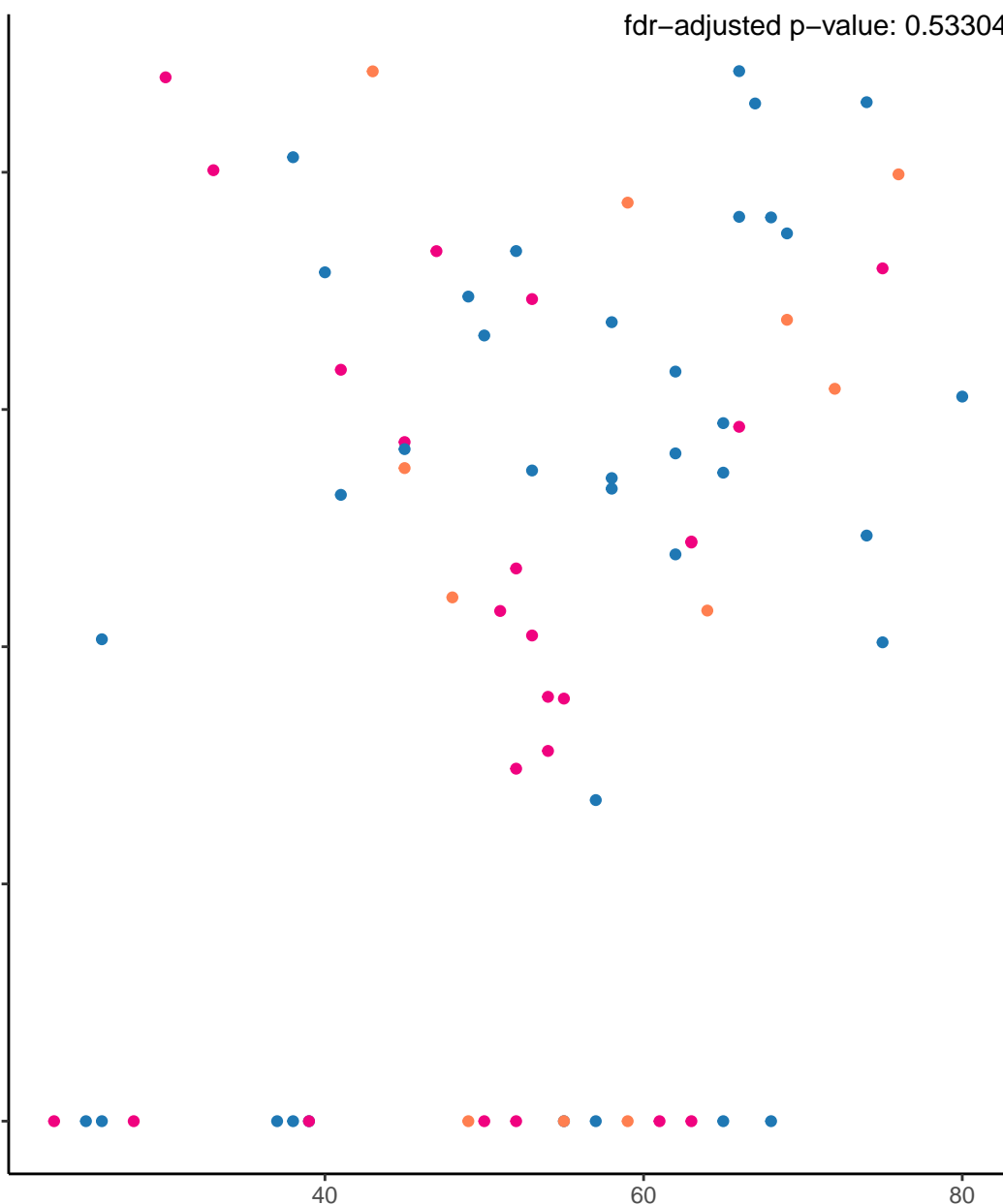
fdr-adjusted p-value: 0.53304

species: g\_\_uncultured (UB\*)[61]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



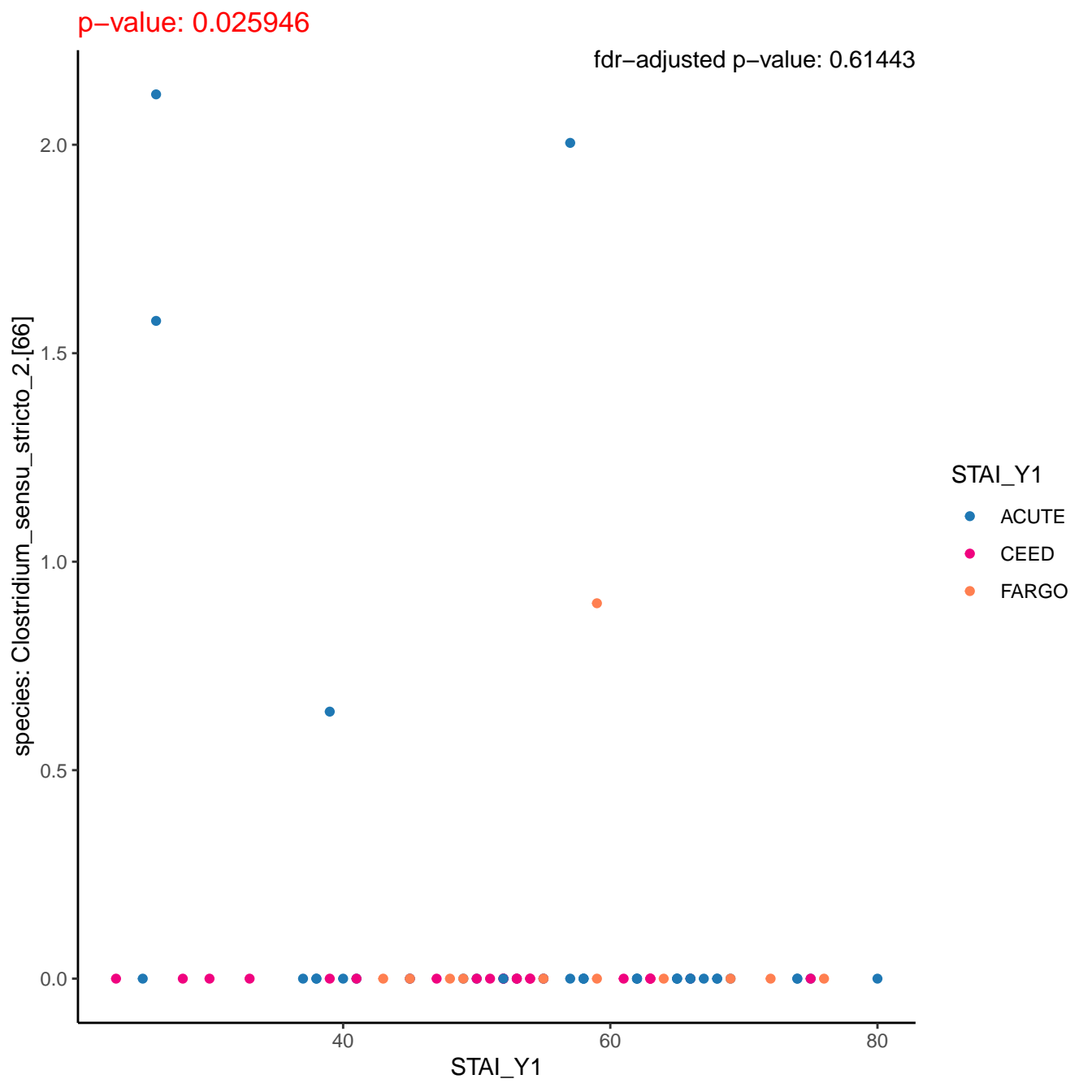
p-value: 0.025946

fdr-adjusted p-value: 0.61443

species: Clostridium\_sensu\_stricto\_2.[66]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.029827

fdr-adjusted p-value: 0.61443

species: Streptococcus\_sp.[33]

STAI\_Y1

- ACUTE
- CEED
- FARGO

40

60

80

STAI\_Y1

p-value: 0.033405

fdr-adjusted p-value: 0.61443

species: uncultured.[121]

STAI\_Y1

ACUTE

CEED

FARGO

0

40

STAI\_Y1

60

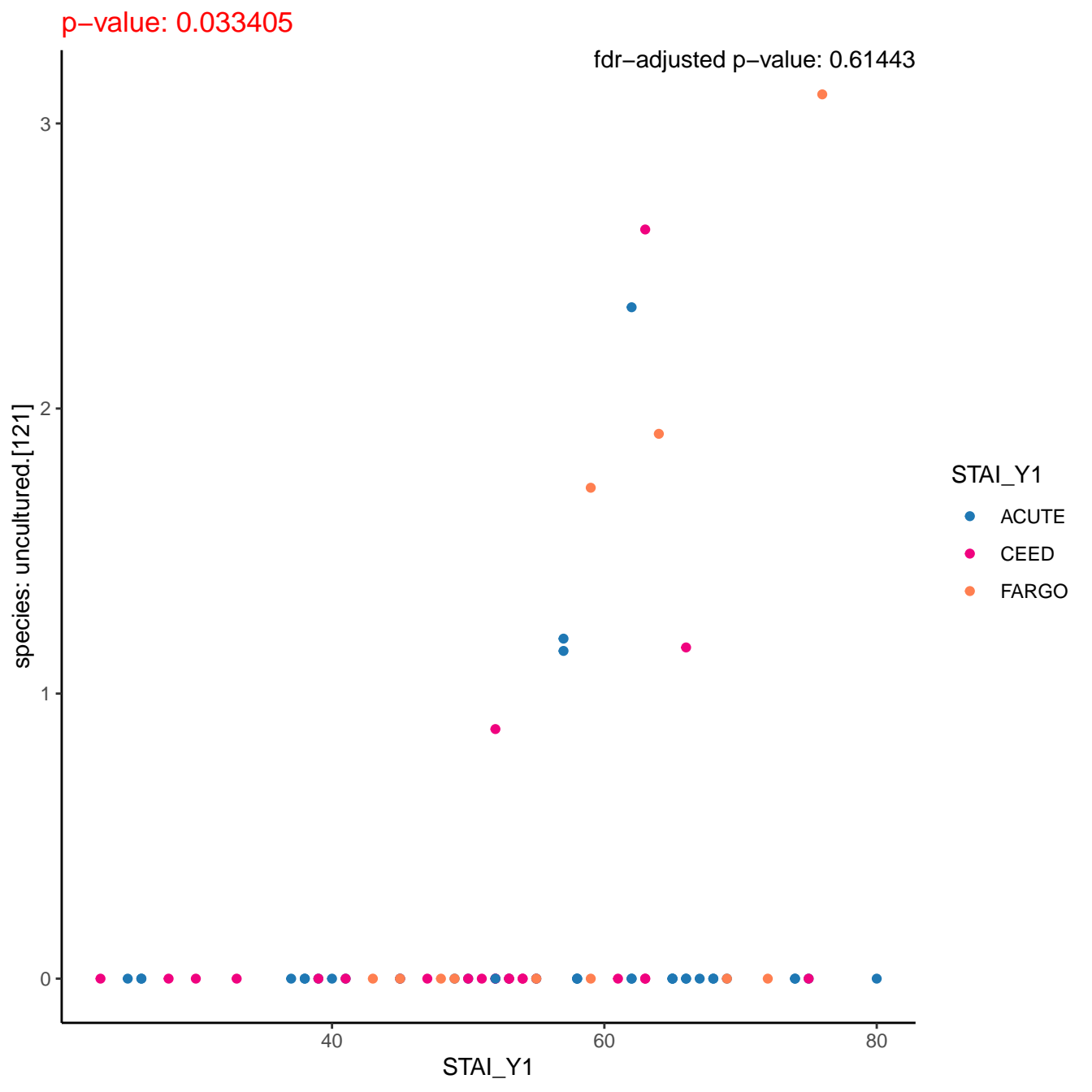
80

3

2

1

0



p-value: 0.033849

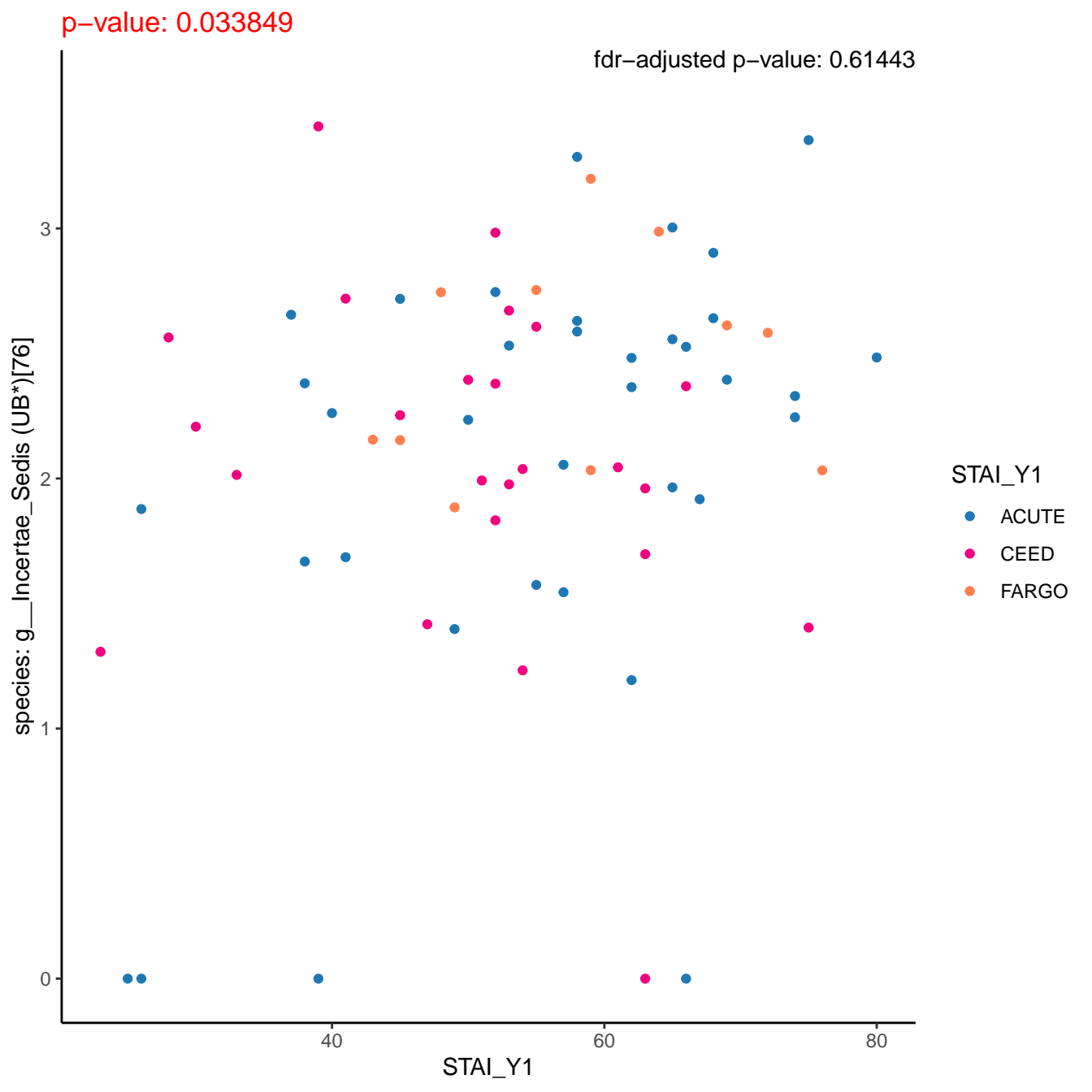
fdr-adjusted p-value: 0.61443

species: g\_\_Incertae\_Sedis (UB\*)[76]

STAI\_Y1

STAI\_Y1

ACUTE  
CEED  
FARGO





p-value: 0.038171

fdr-adjusted p-value: 0.61443

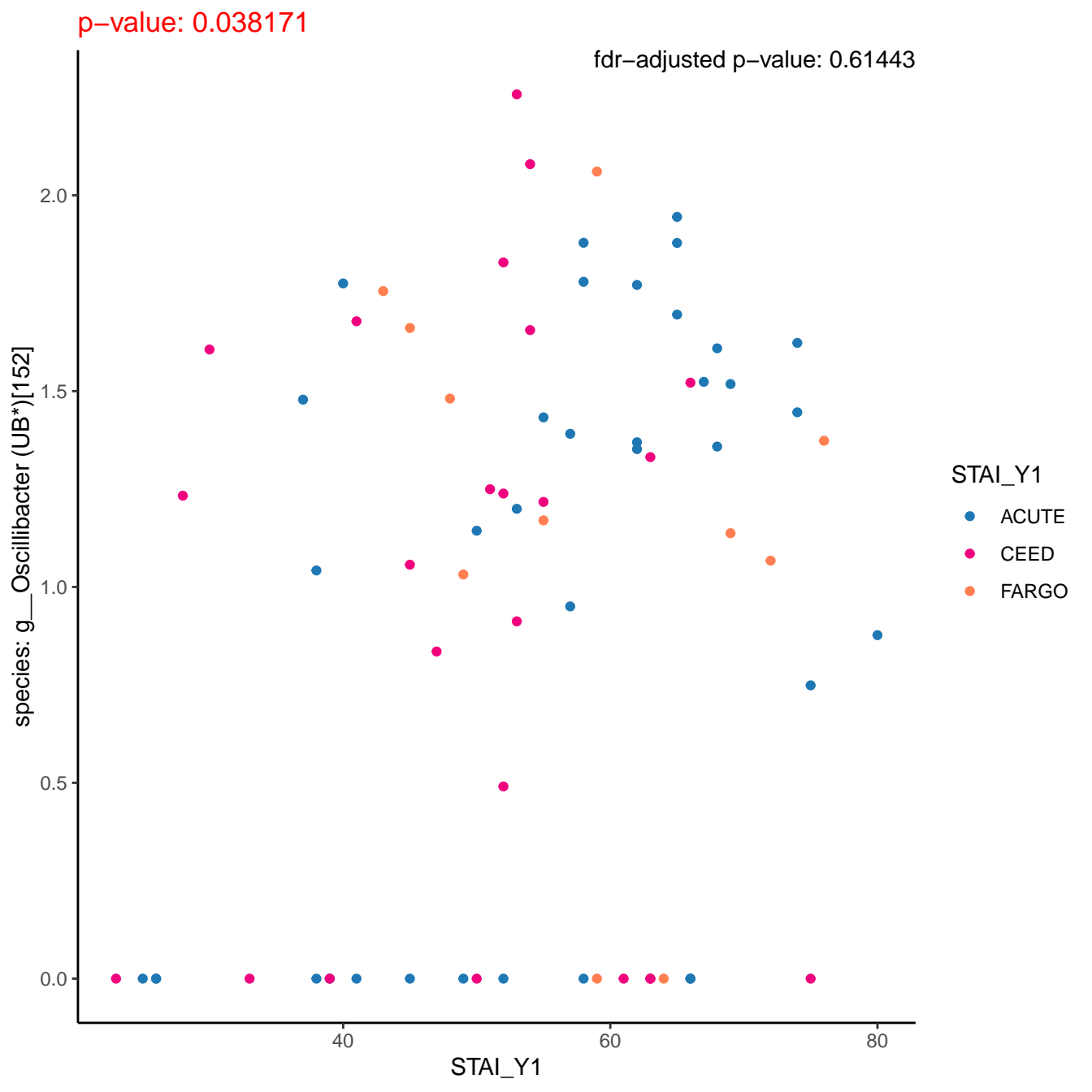
species: g\_\_Oscillibacter (UB\*)[152]

STAI\_Y1

ACUTE

CEED

FARGO



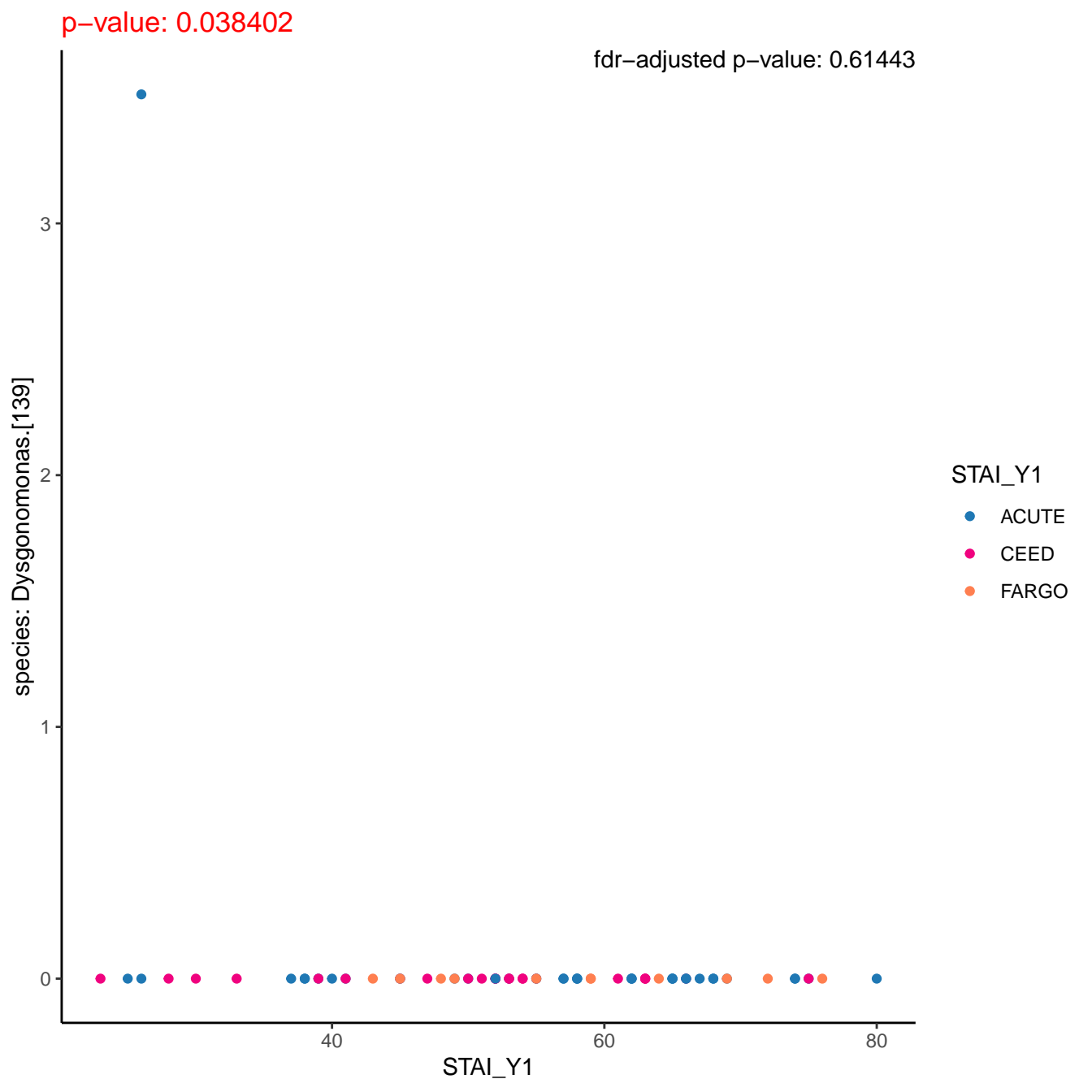
p-value: 0.038402

fdr-adjusted p-value: 0.61443

species: *Dysgonomonas*. [139]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.045797

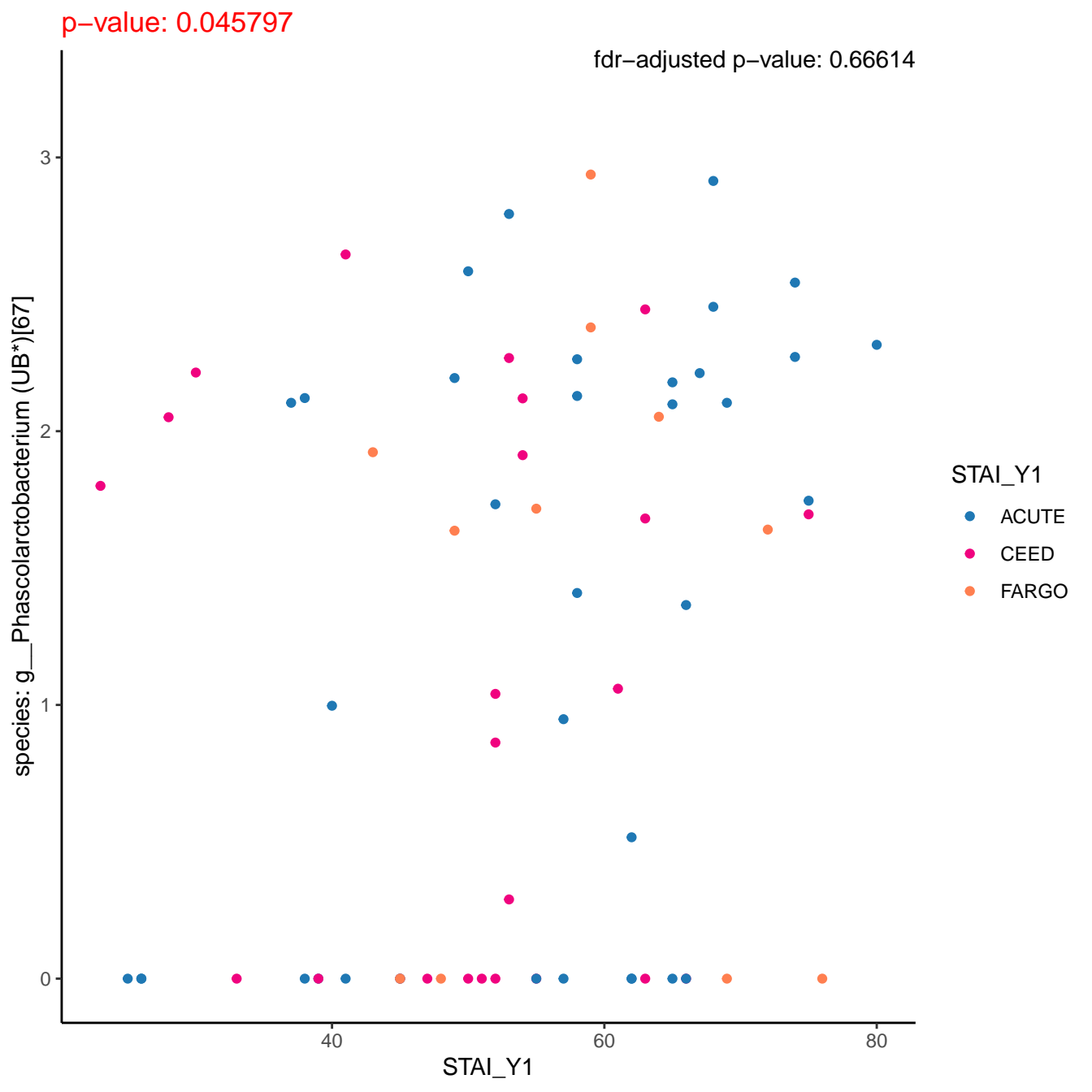
fdr-adjusted p-value: 0.66614

species: g\_\_Phascolarctobacterium (UB\*)[67]

STAI\_Y1

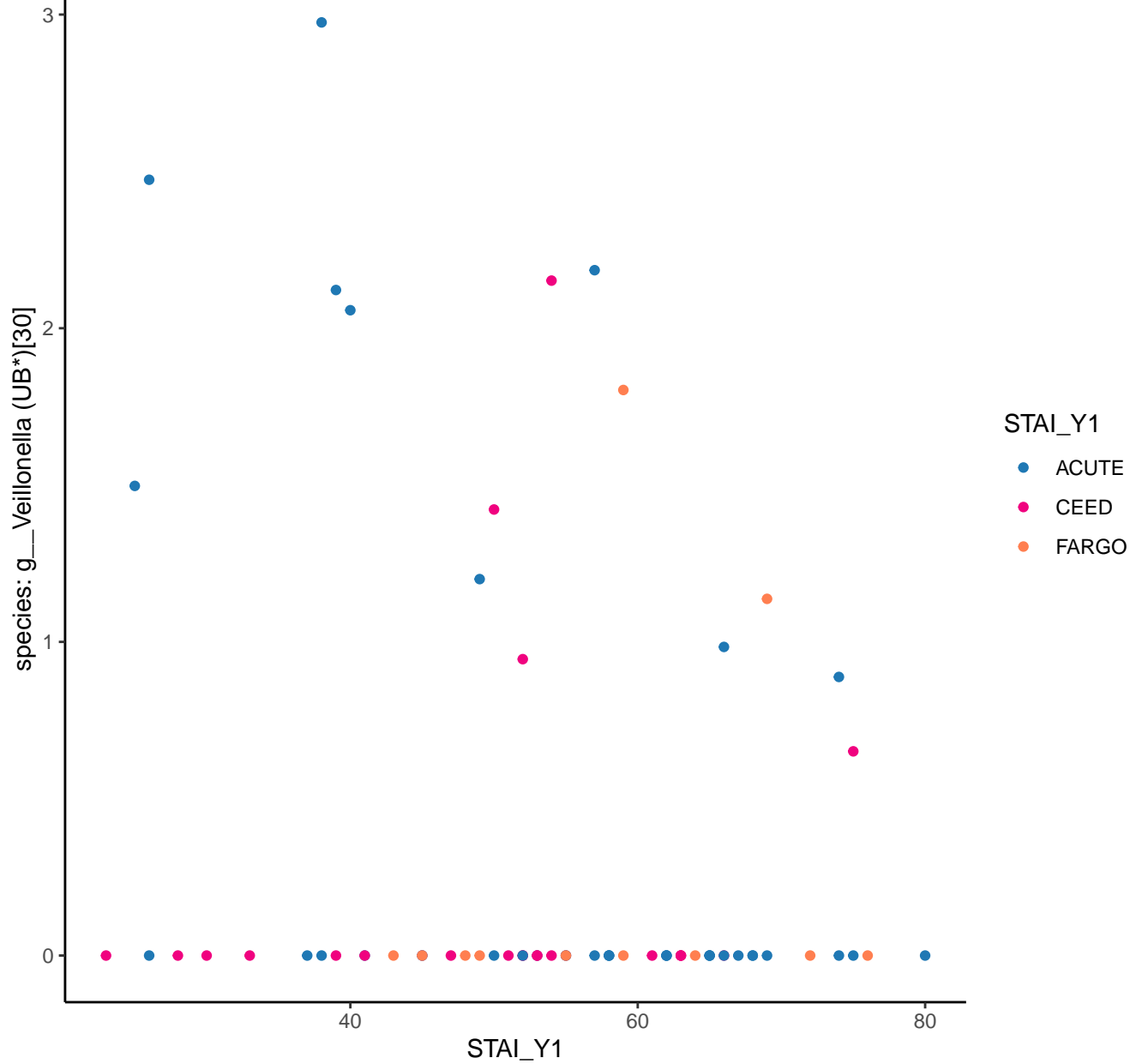
- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.060345

fdr-adjusted p-value: 0.66977



p-value: 0.062336

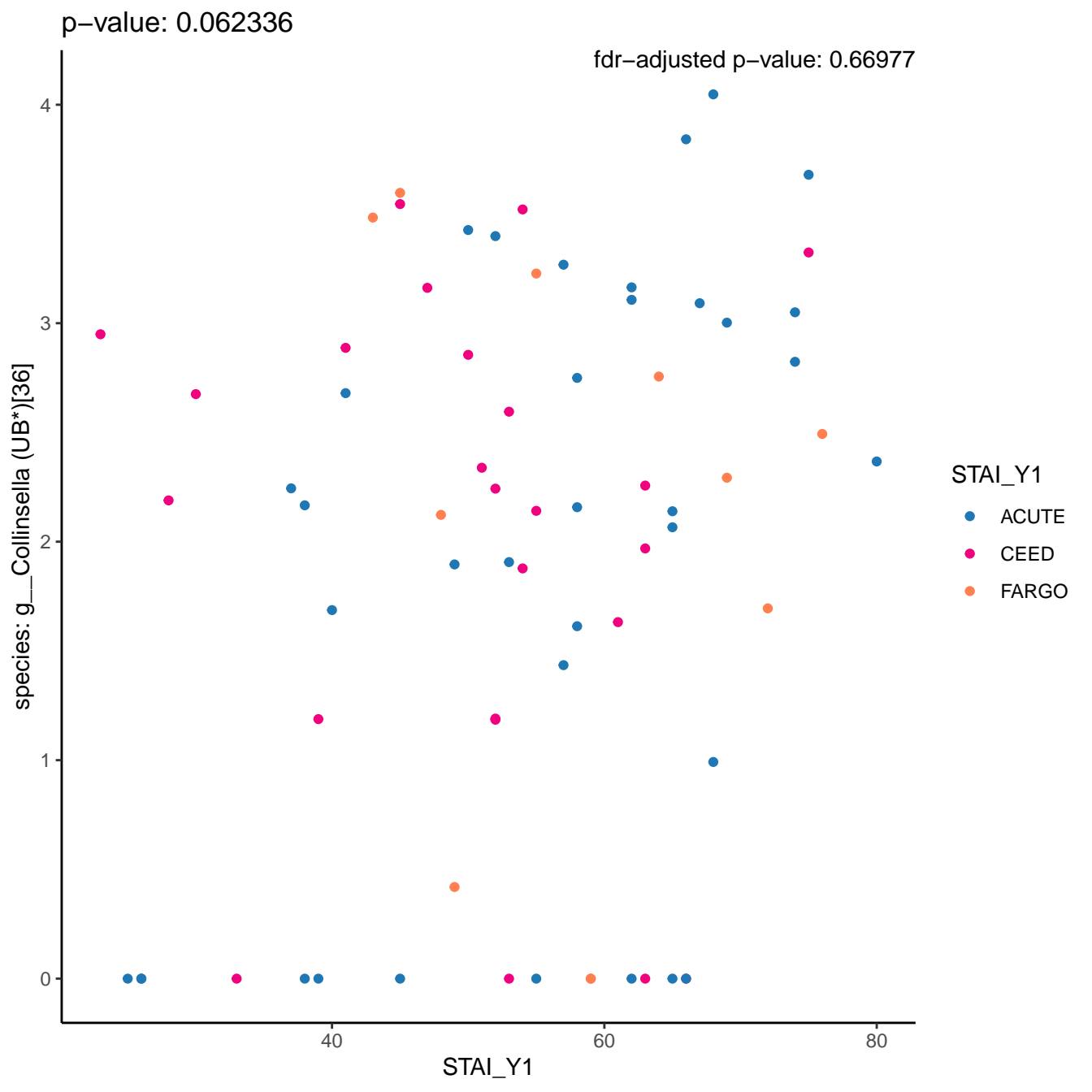
fdr-adjusted p-value: 0.66977

species: g\_\_Collinsella (UB\*)[36]

STAI\_Y1

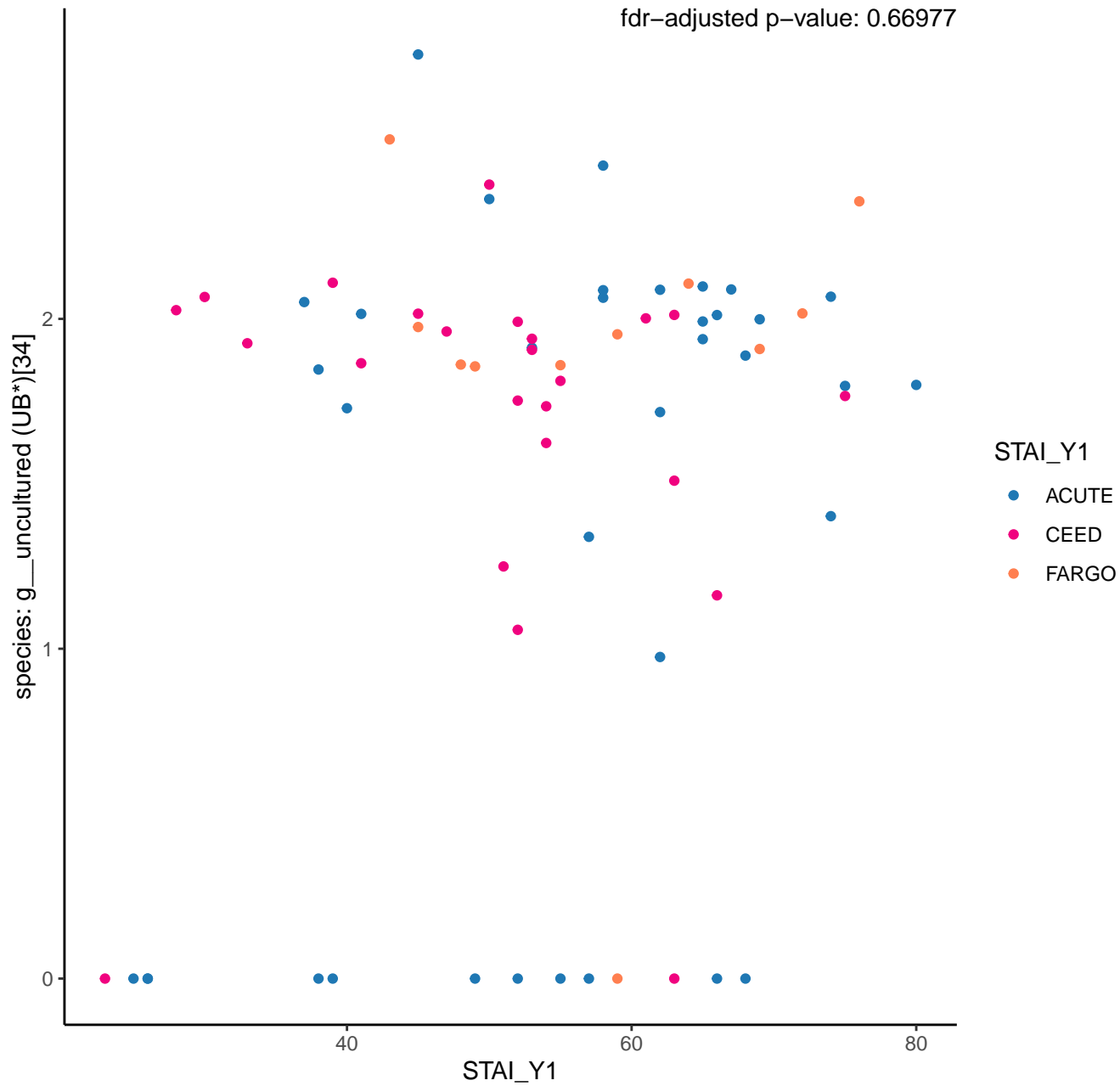
STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.065295

fdr-adjusted p-value: 0.66977



p-value: 0.069837

fdr-adjusted p-value: 0.66977

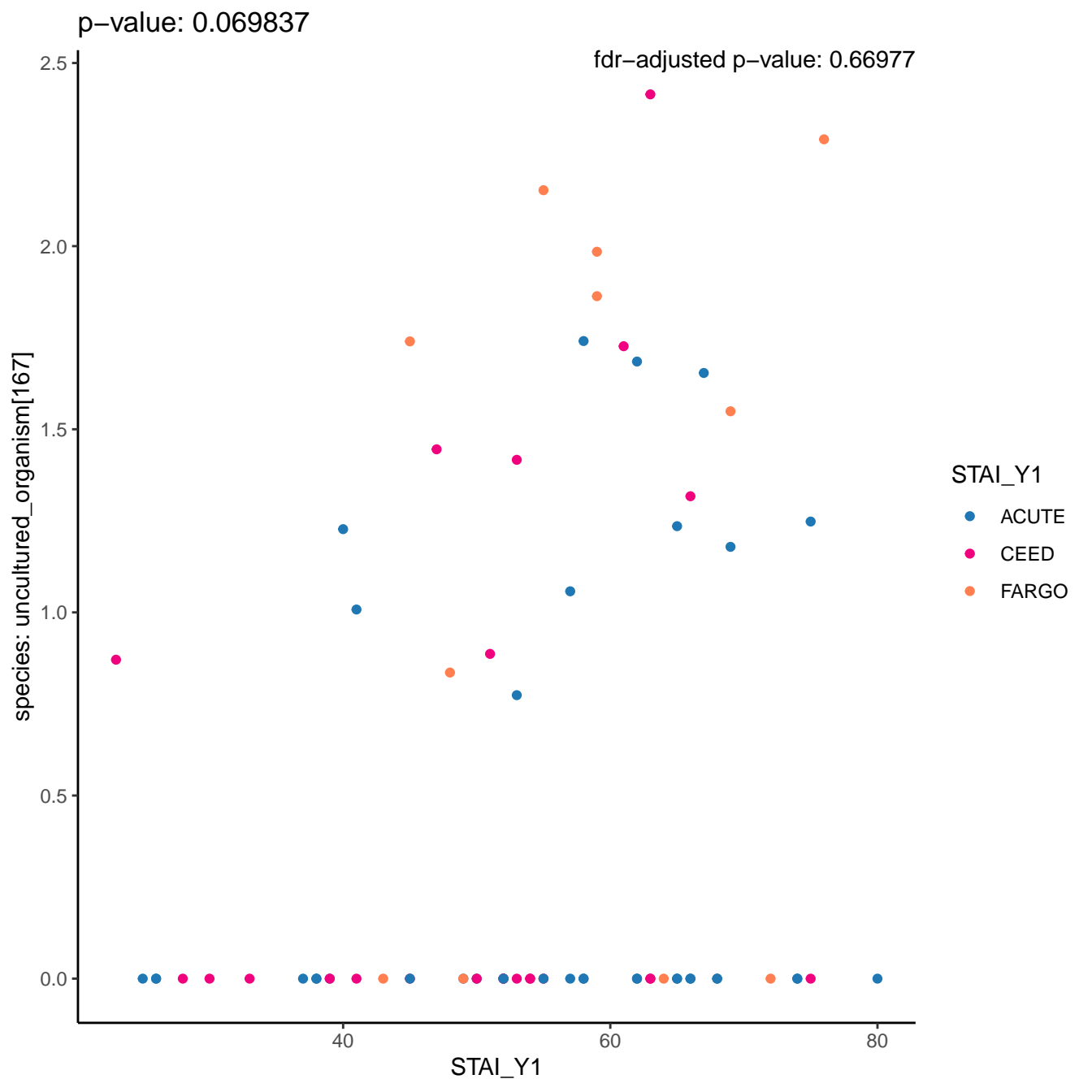
species: uncultured\_organism[167]

STAI\_Y1

ACUTE

CEED

FARGO



p-value: 0.071092

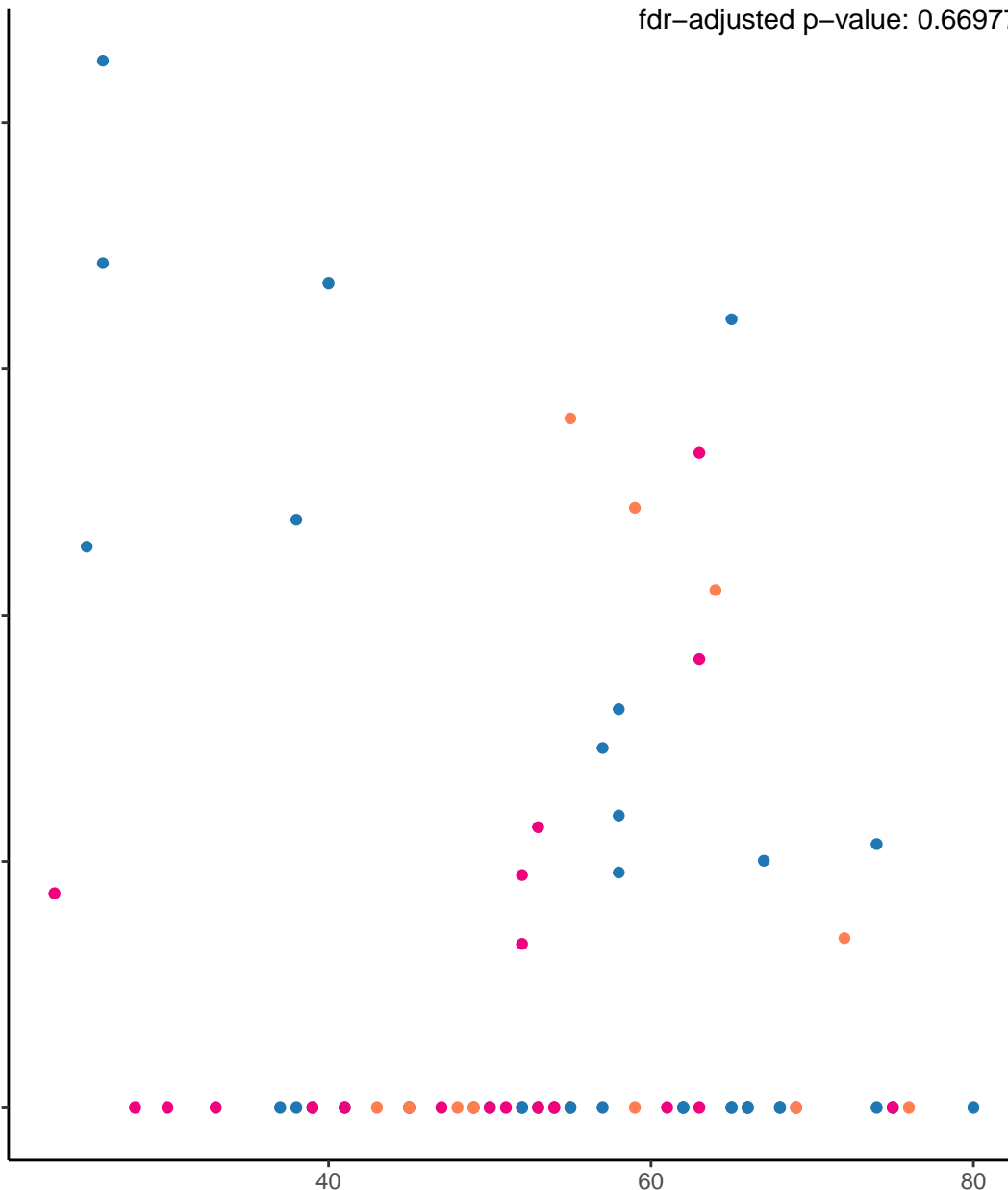
fdr-adjusted p-value: 0.66977

species: Anaerostipes.[92]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1





p-value: 0.072773

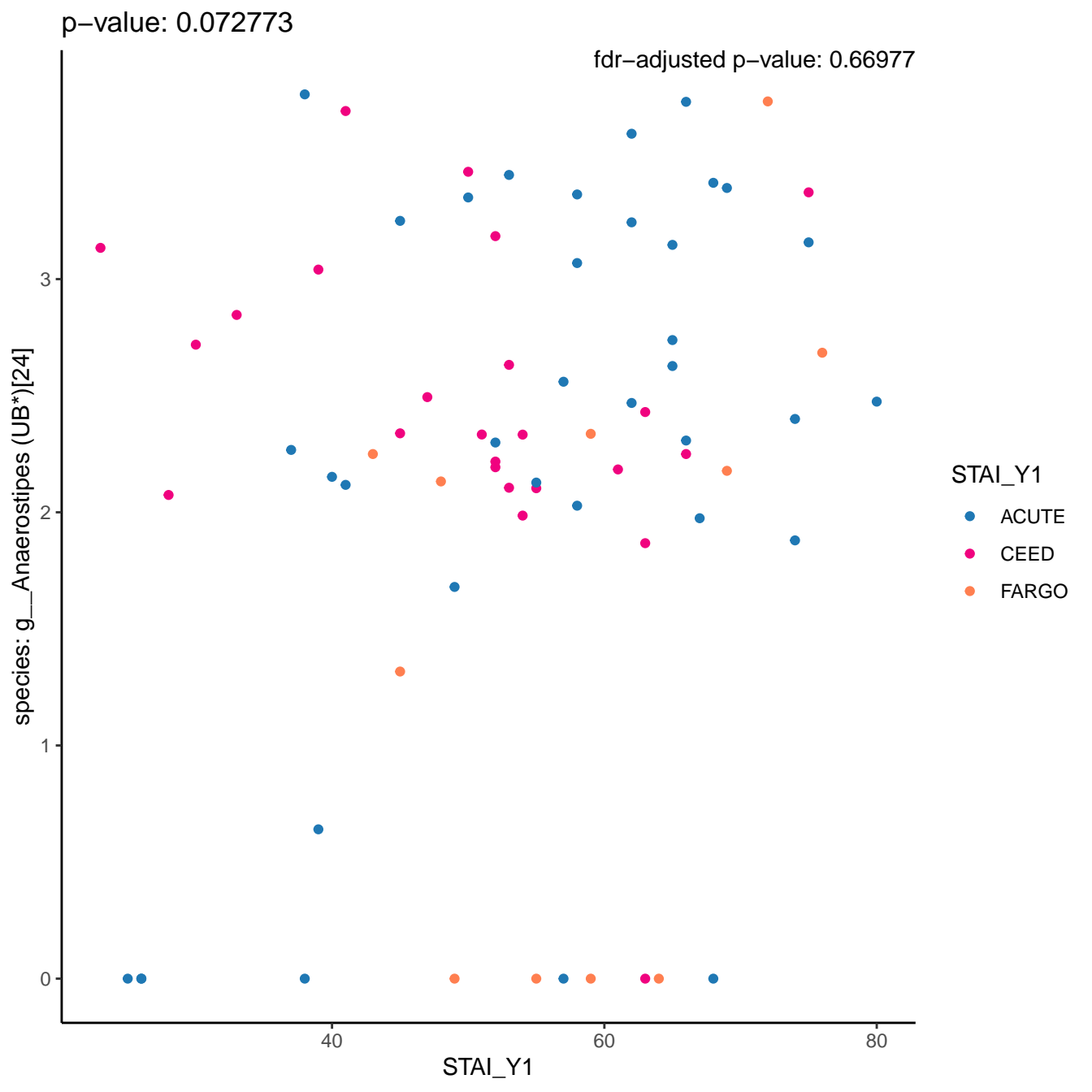
fdr-adjusted p-value: 0.66977

species: g\_\_Anaerostipes (UB\*)[24]

STAI\_Y1

● ACUTE  
● CEED  
● FARGO

STAI\_Y1



p-value: 0.086418

fdr-adjusted p-value: 0.66977

species: g\_\_ Sellimonas (UB\*)[125]

STAI\_Y1

ACUTE

CEED

FARGO

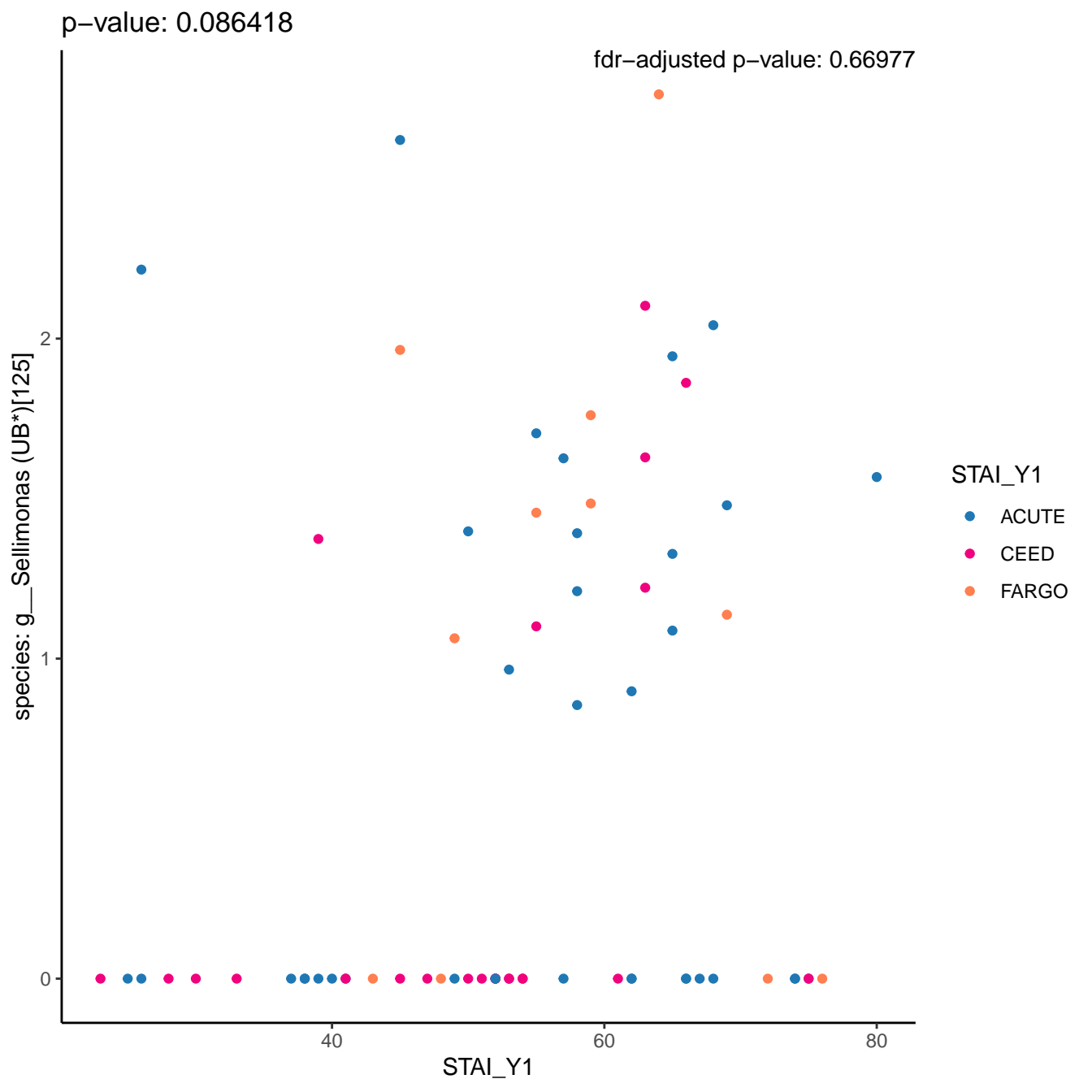
0

40

60

80

STAI\_Y1



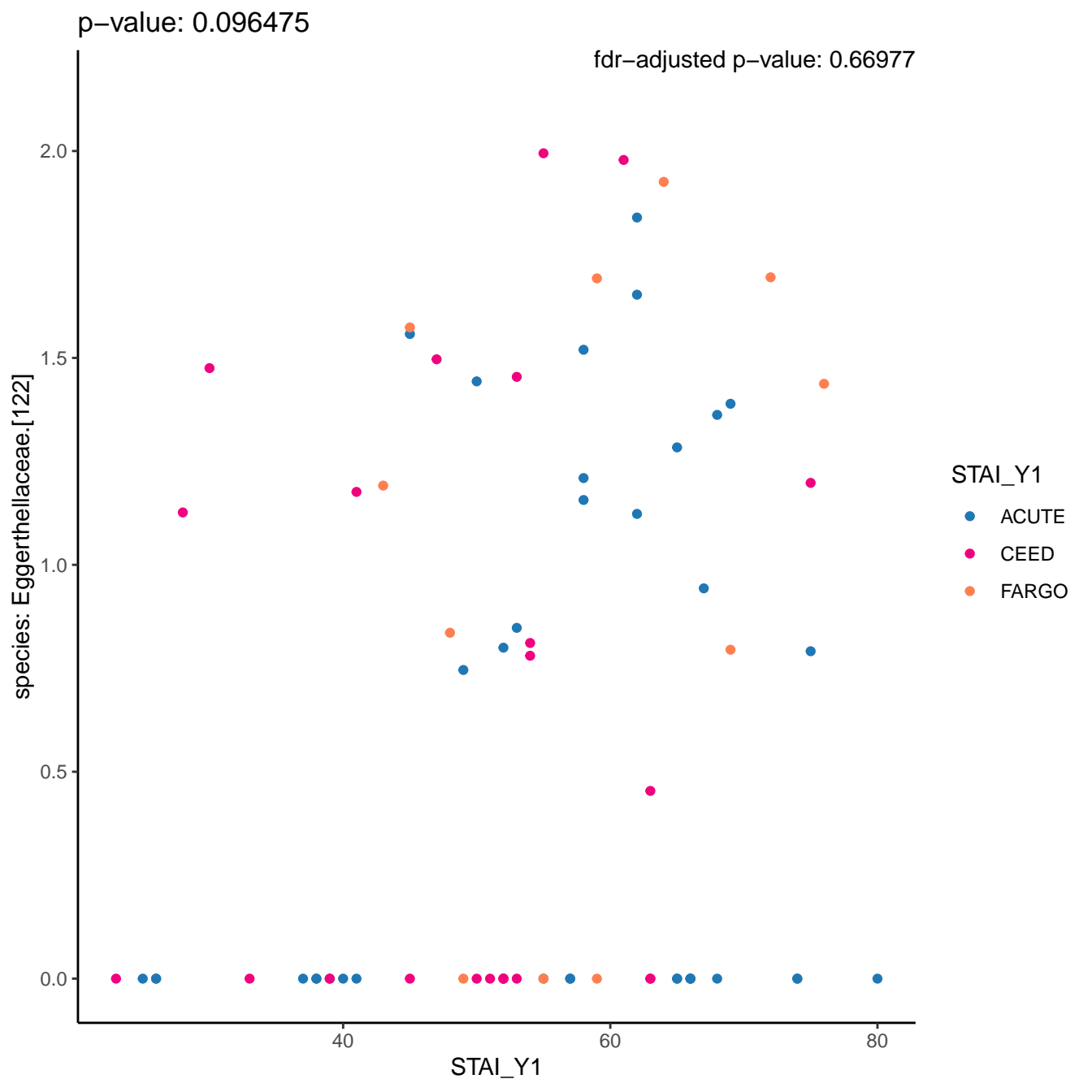
p-value: 0.096475

fdr-adjusted p-value: 0.66977

species: Eggerthellaceae.[122]

STAI\_Y1

ACUTE  
CEED  
FARGO



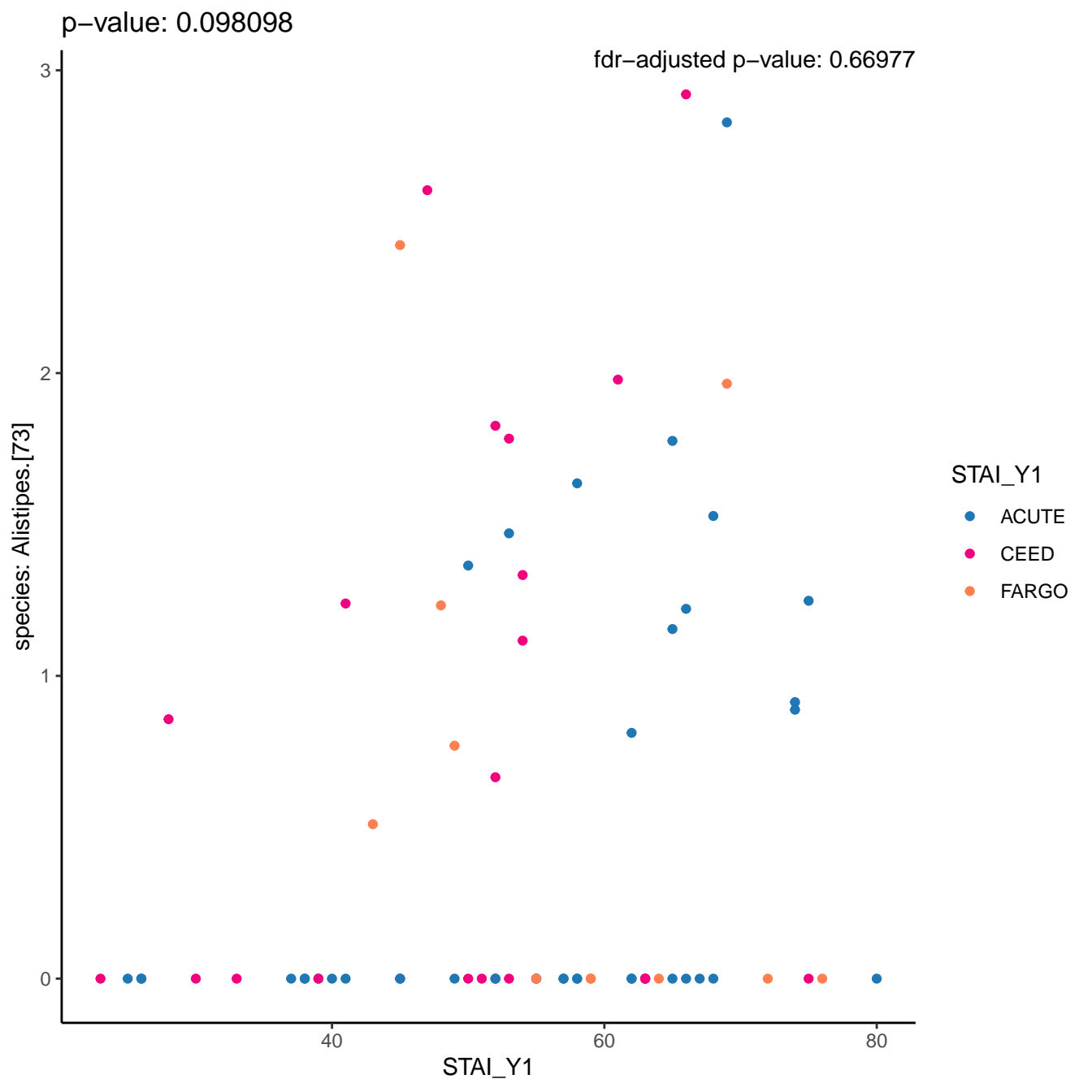
p-value: 0.098098

fdr-adjusted p-value: 0.66977

species: Alistipes.[73]

STAI\_Y1

ACUTE  
CEED  
FARGO



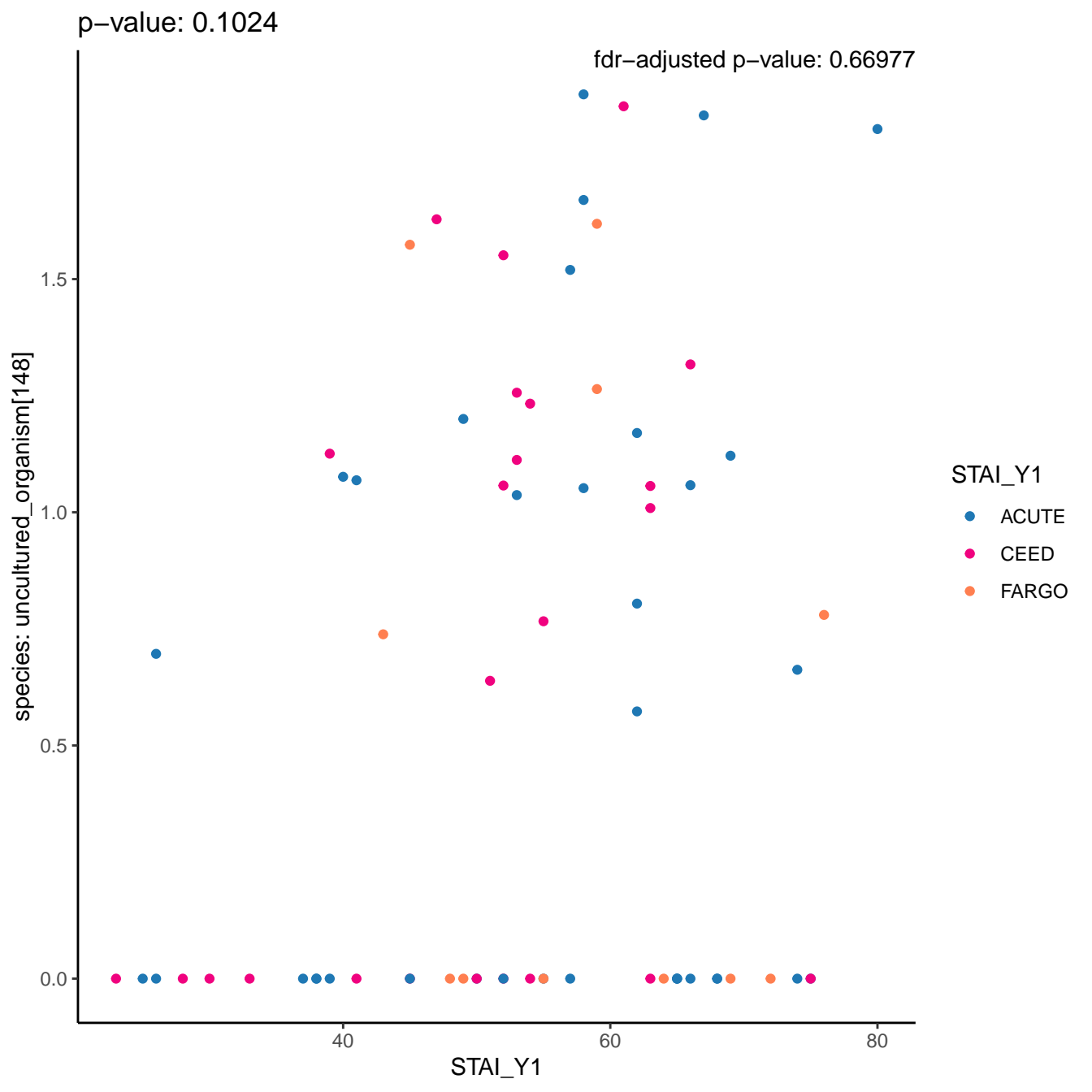
p-value: 0.1024

fdr-adjusted p-value: 0.66977

species: uncultured\_organism[148]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.11201

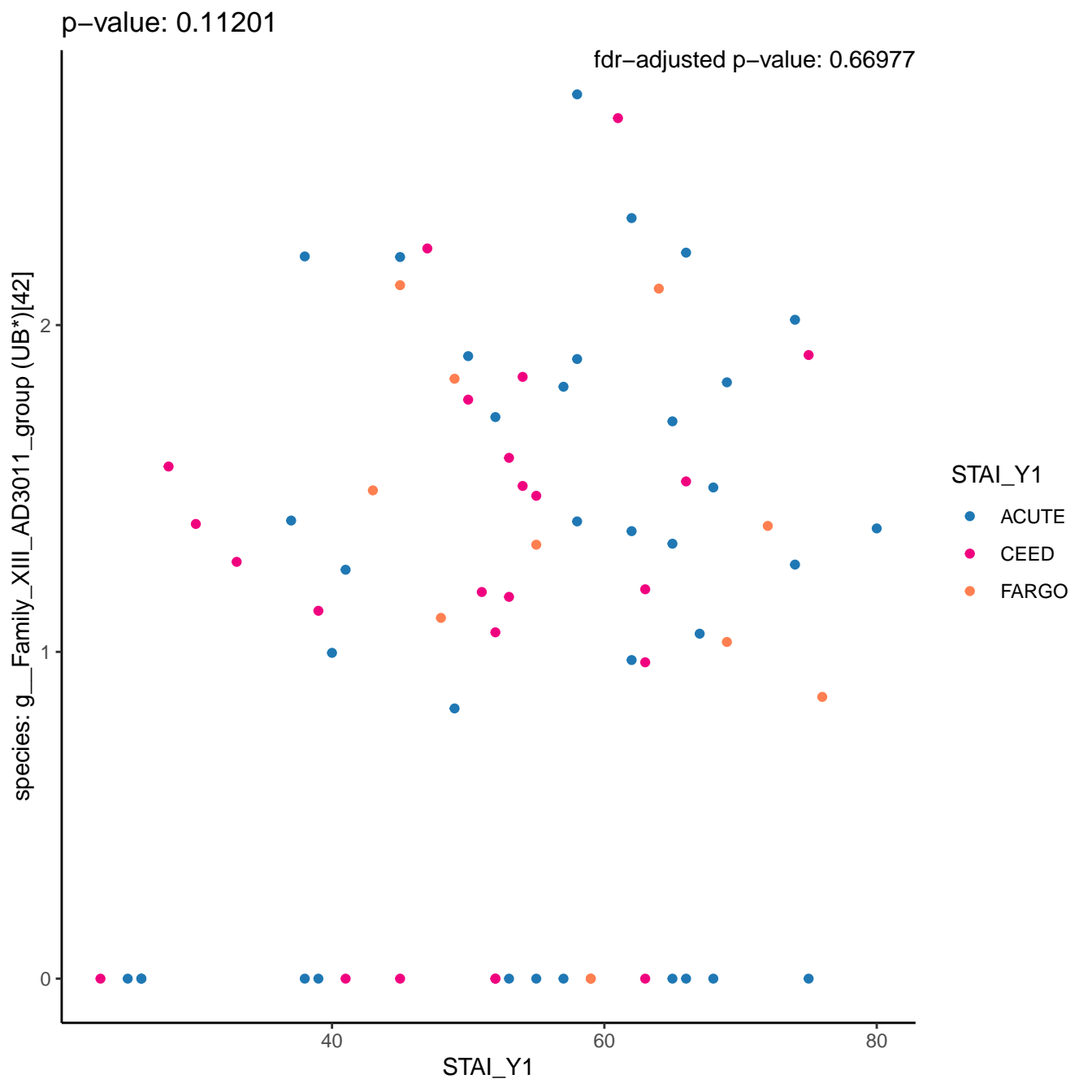
fdr-adjusted p-value: 0.66977

species: g\_\_Family\_XIII\_AD3011\_group (UB\*)[42]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.11679

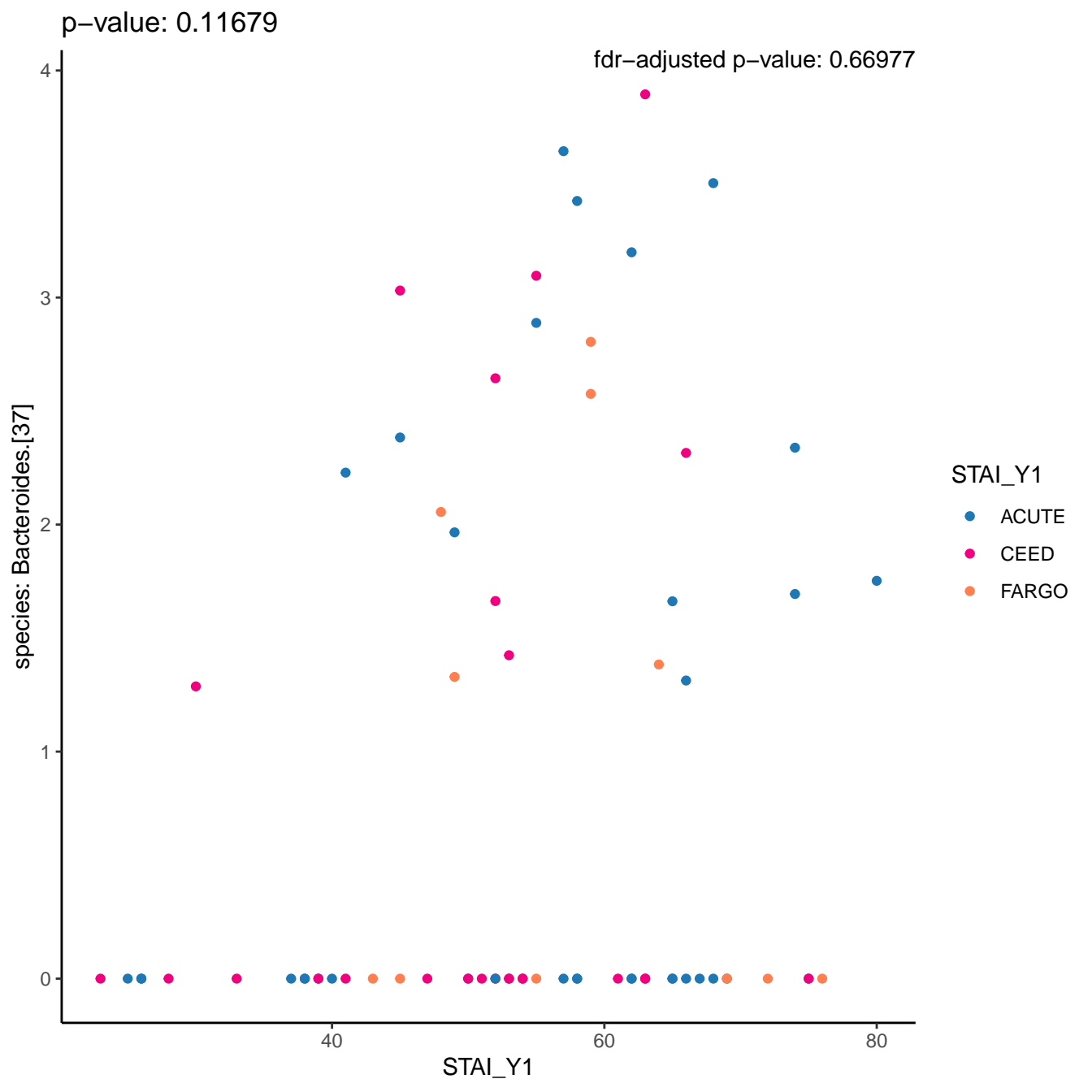
fdr-adjusted p-value: 0.66977

species: Bacteroides.[37]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.11833

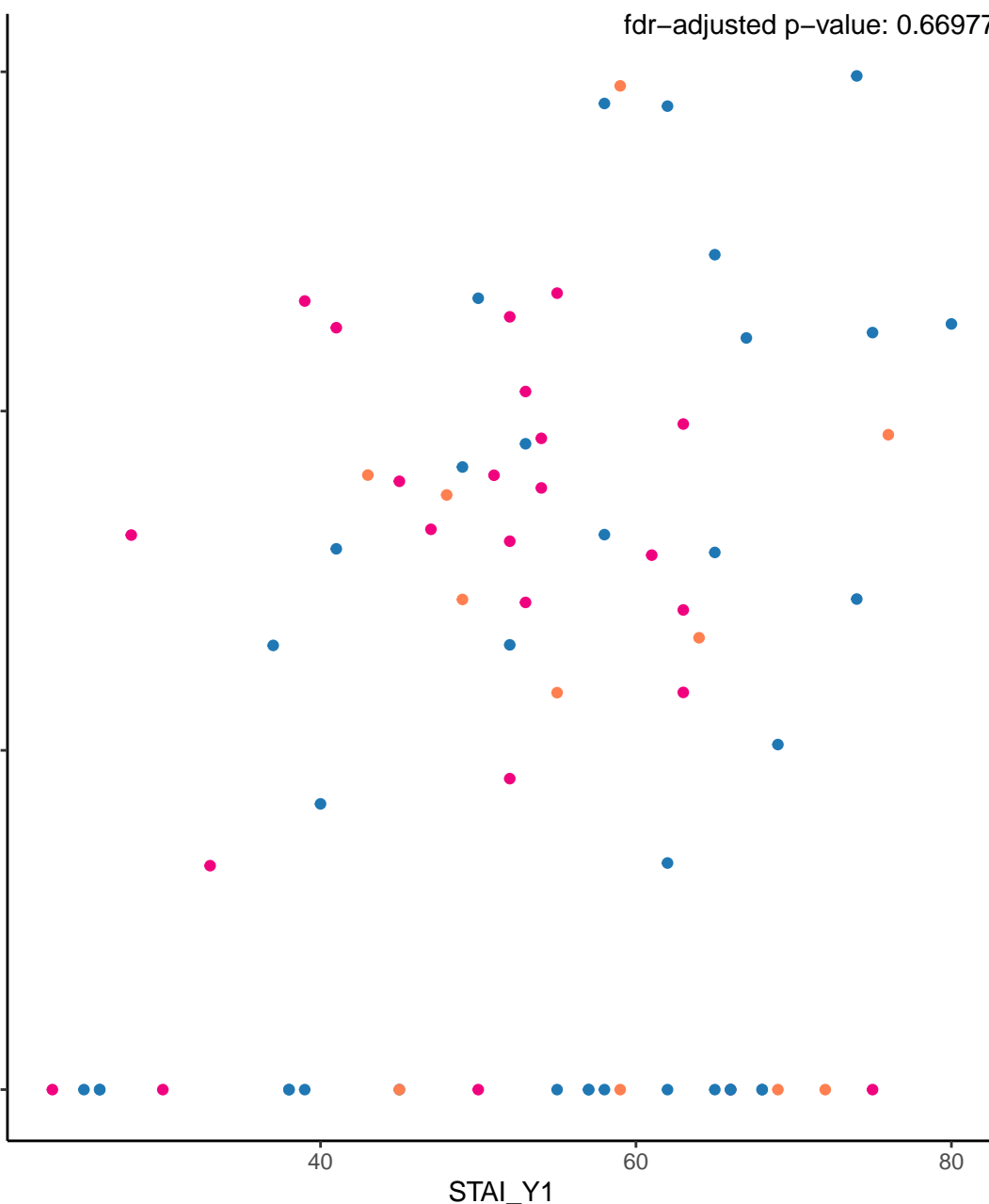
fdr-adjusted p-value: 0.66977

species: Parabacteroides.[29]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1





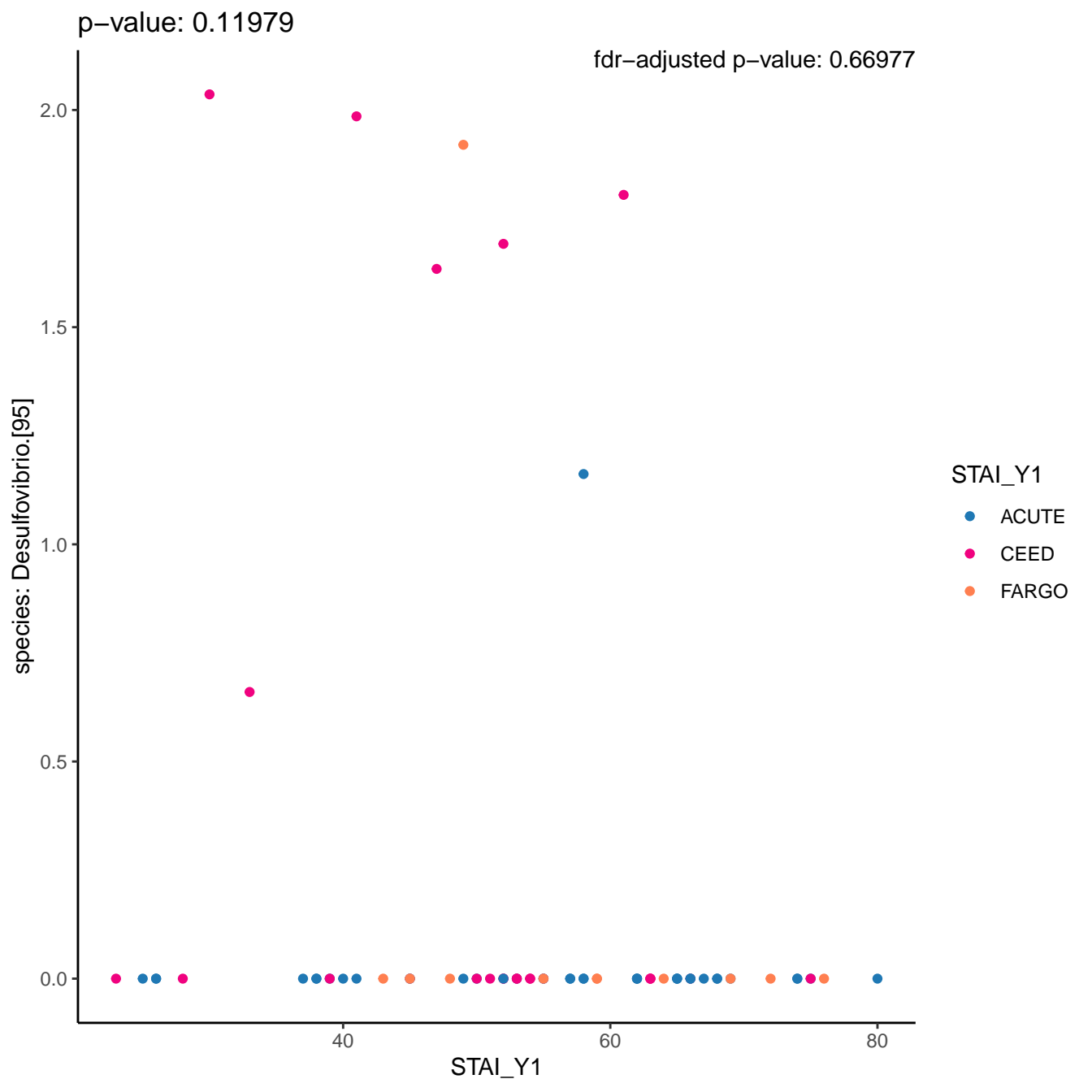
p-value: 0.11979

fdr-adjusted p-value: 0.66977

species: *Desulfovibrio*. [95]

STAI\_Y1

- ACUTE
- CEED
- FARGO



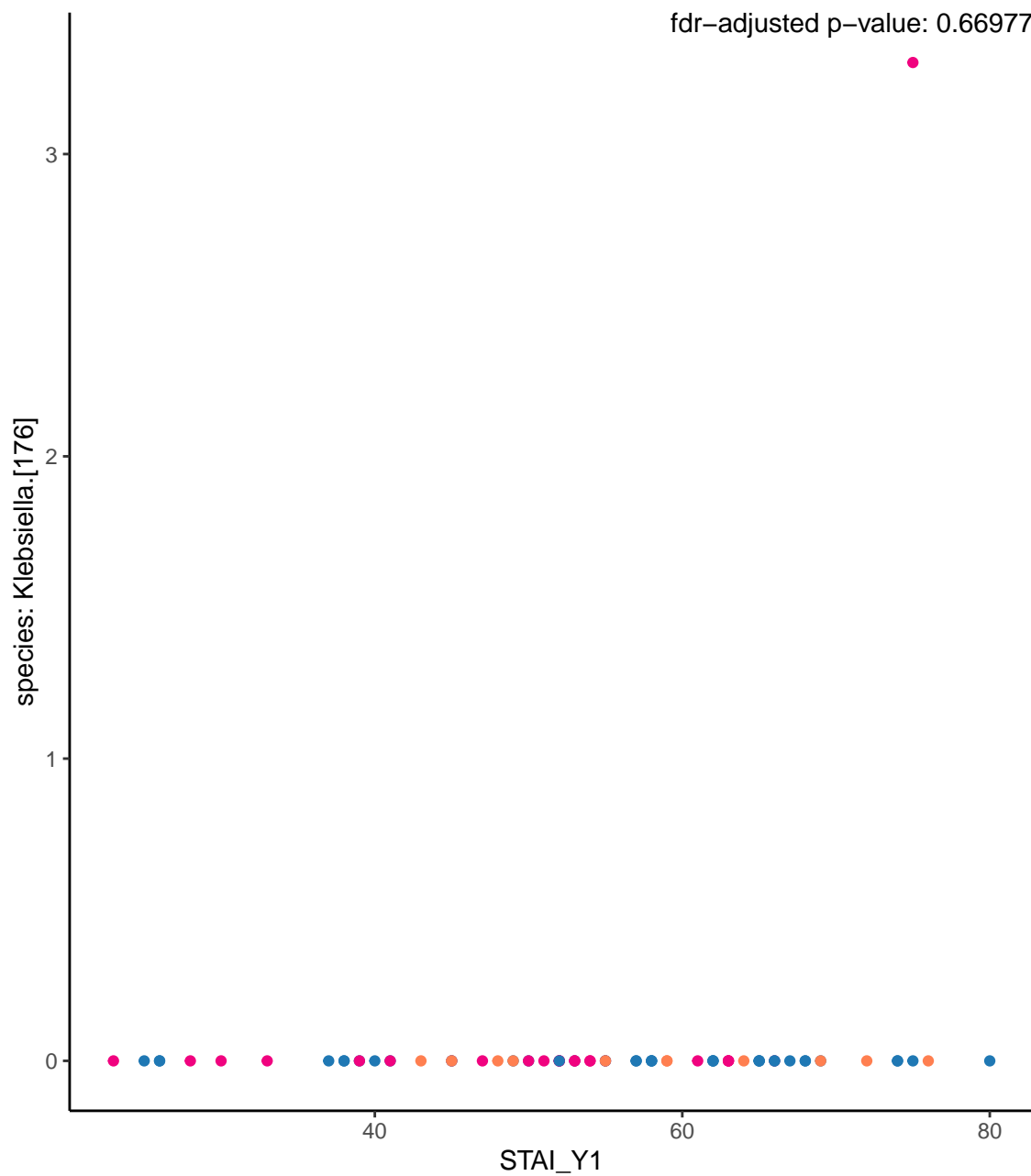
p-value: 0.12213

fdr-adjusted p-value: 0.66977

species: Klebsiella.[176]

STAI\_Y1

- ACUTE
- CEED
- FARGO



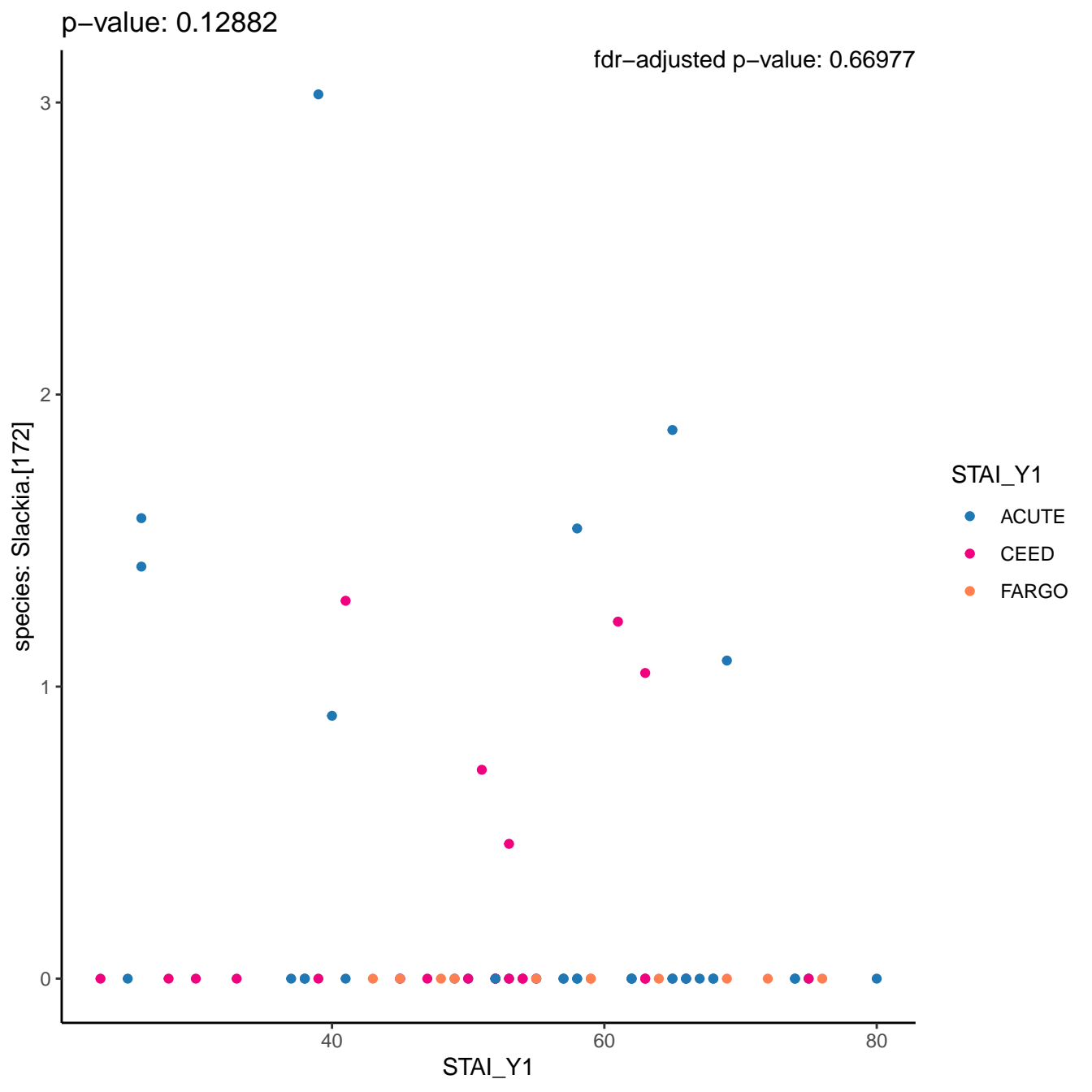
p-value: 0.12882

fdr-adjusted p-value: 0.66977

species: Slackia.[172]

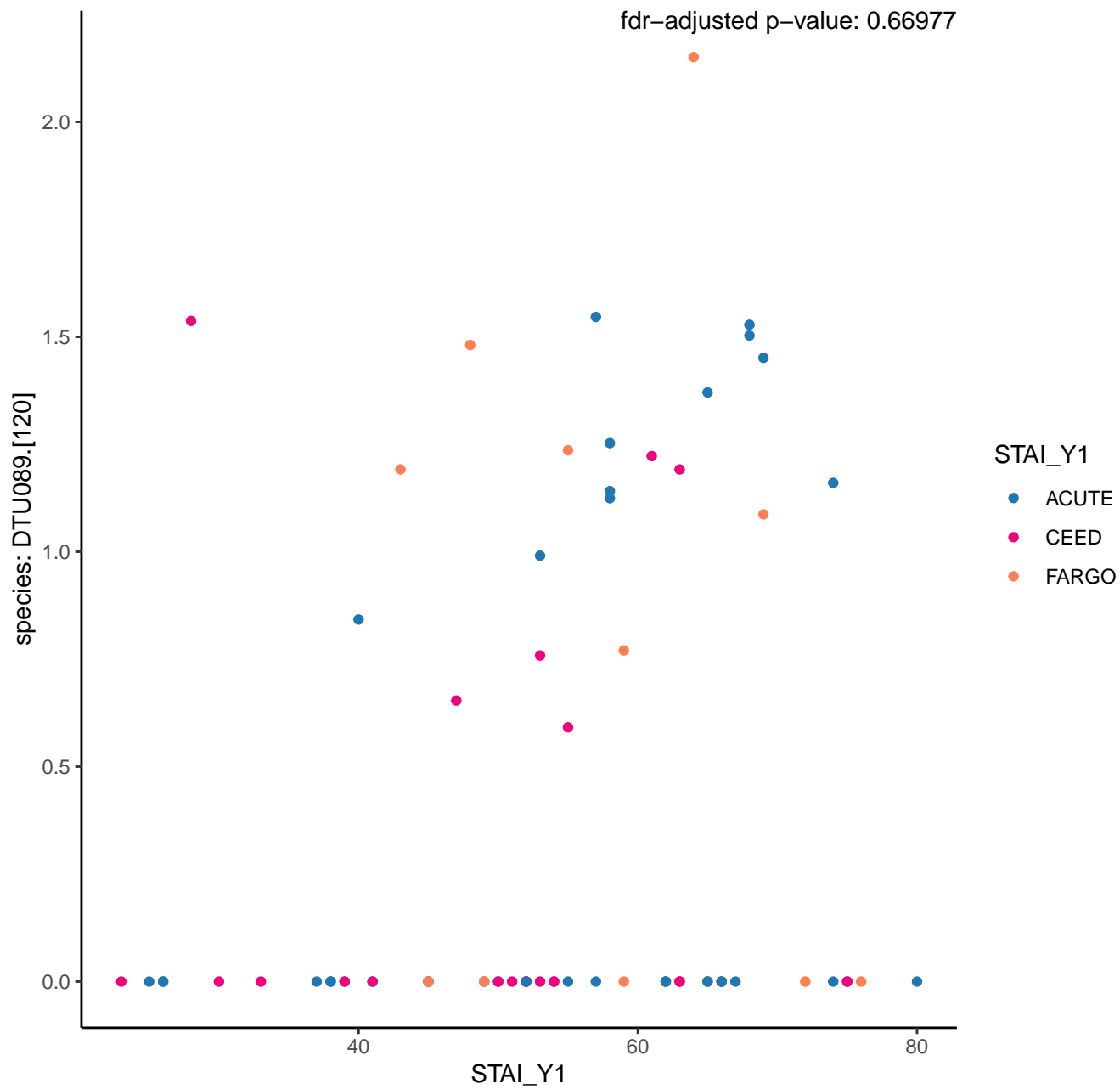
STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.12993

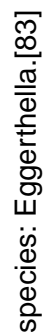
fdr-adjusted p-value: 0.66977



fdr-adjusted p-value: 0.66977

p-value: 0.13974

fdr-adjusted p-value: 0.66977



STAI\_Y1

- ACUTE

- CEED

- FARGO

STAI\_Y1

80

p-value: 0.14125

fdr-adjusted p-value: 0.66977

species: Phascolarctobacterium.[130]

STAI\_Y1

- ACUTE
- CEED
- FARGO



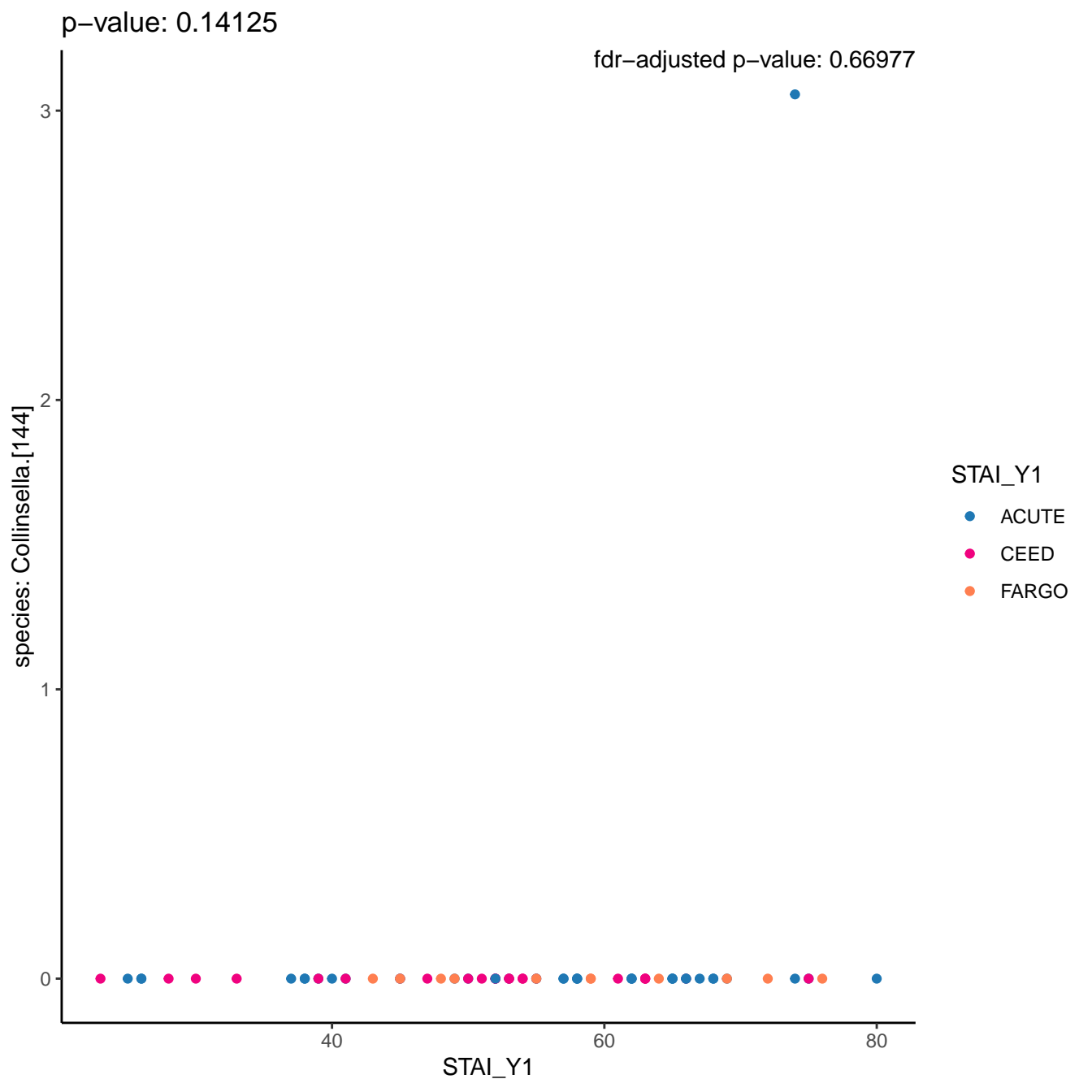
p-value: 0.14125

fdr-adjusted p-value: 0.66977

species: Collinsella.[144]

STAI\_Y1

- ACUTE
- CEED
- FARGO





p-value: 0.14555

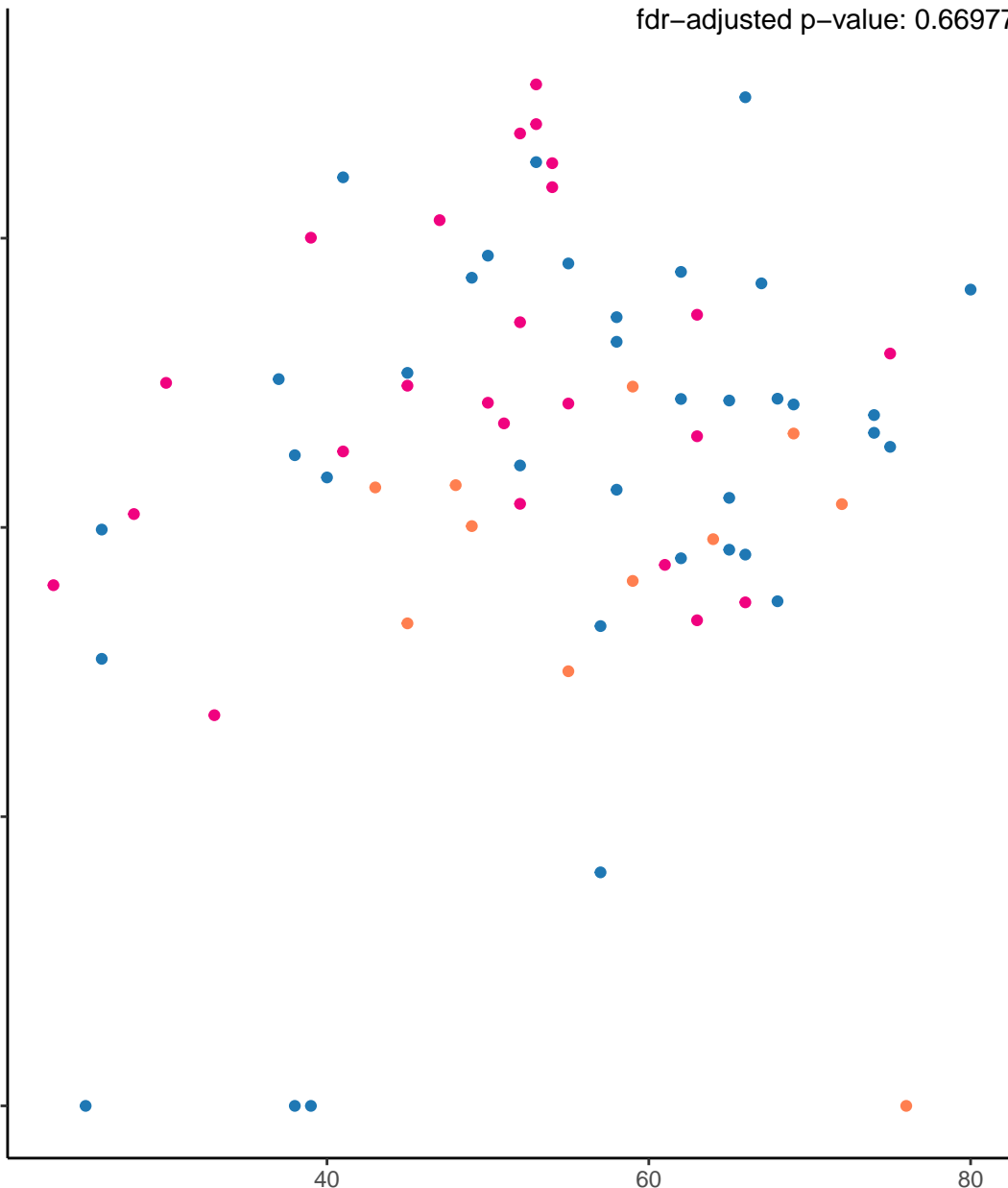
fdr-adjusted p-value: 0.66977

species: Lachnospiraceae.[22]

STAI\_Y1

● ACUTE  
● CEED  
● FARGO

STAI\_Y1



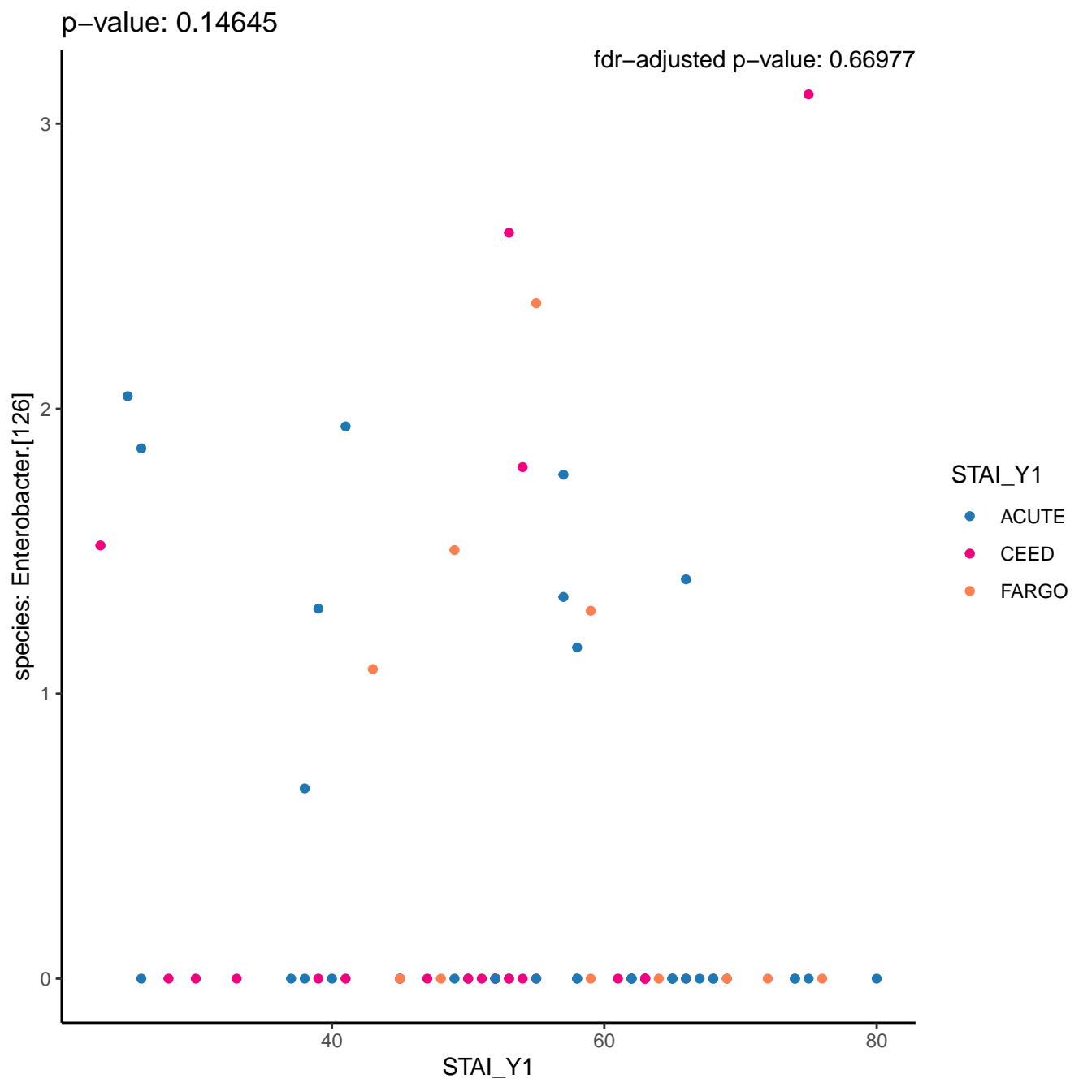
p-value: 0.14645

fdr-adjusted p-value: 0.66977

species: Enterobacter.[126]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.1523

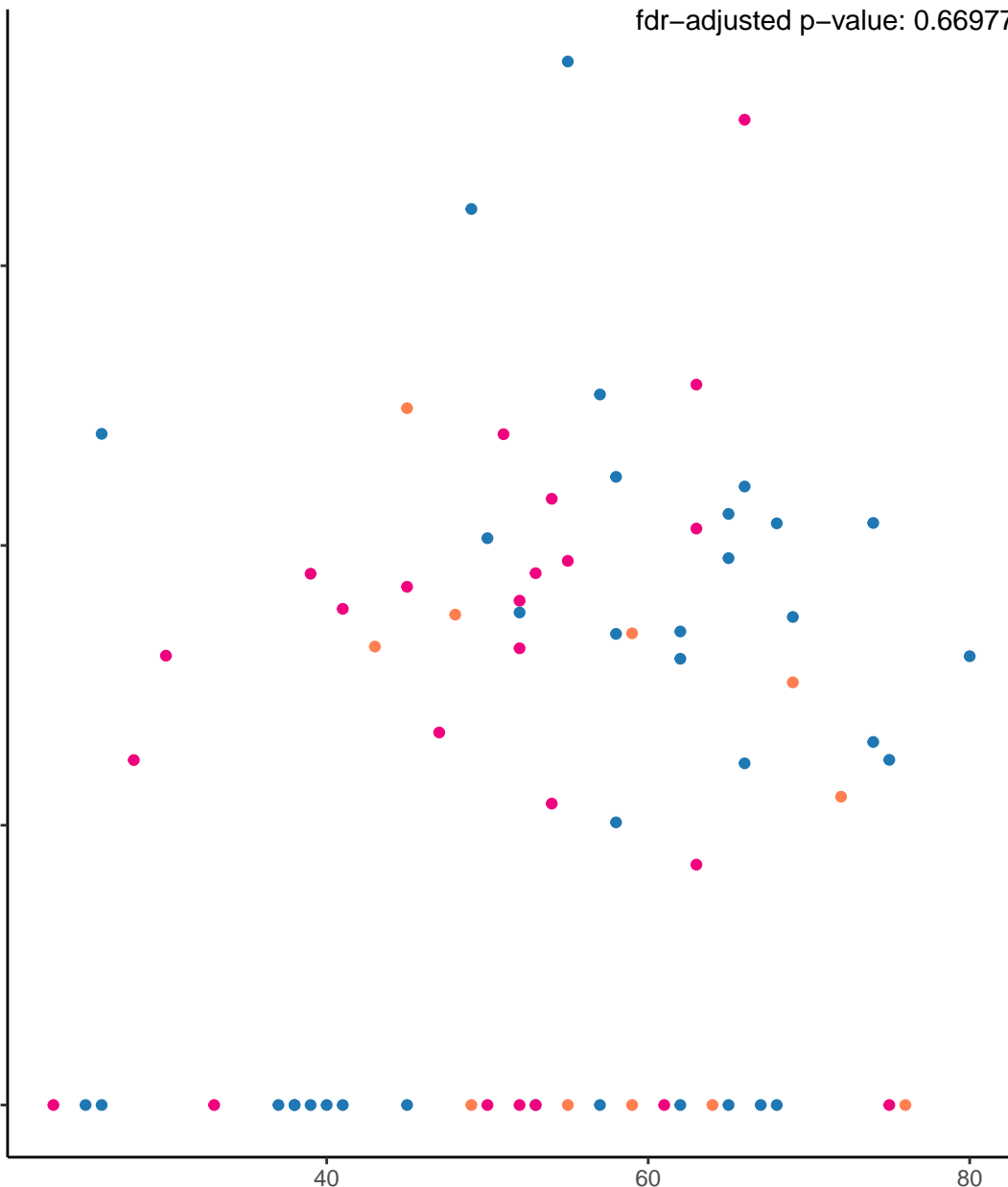
fdr-adjusted p-value: 0.66977

species: g\_\_Roseburia (UB\*)[19]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



p-value: 0.15479

fdr-adjusted p-value: 0.66977

species: Ruminococcus.[99]

STAI\_Y1

ACUTE

CEED

FARGO

0

1

2

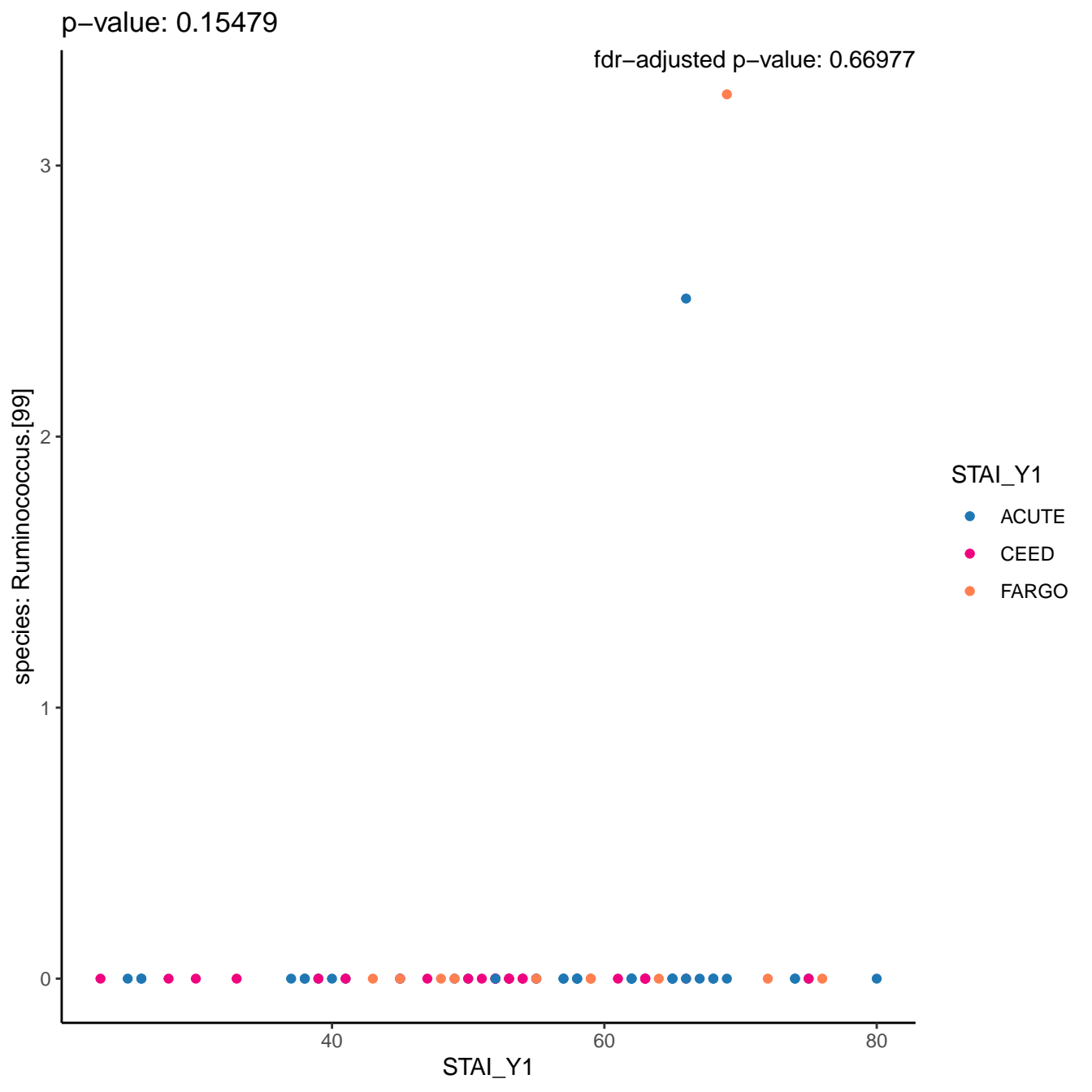
3

STAI\_Y1

40

60

80



p-value: 0.15899

fdr-adjusted p-value: 0.66977



STAI\_Y1

- ACUTE

- CEED

- FARGO

40 STAI\_Y1

60

80

p-value: 0.16084

fdr-adjusted p-value: 0.66977

species: g\_\_Faecalitalea (UB\*)[9]

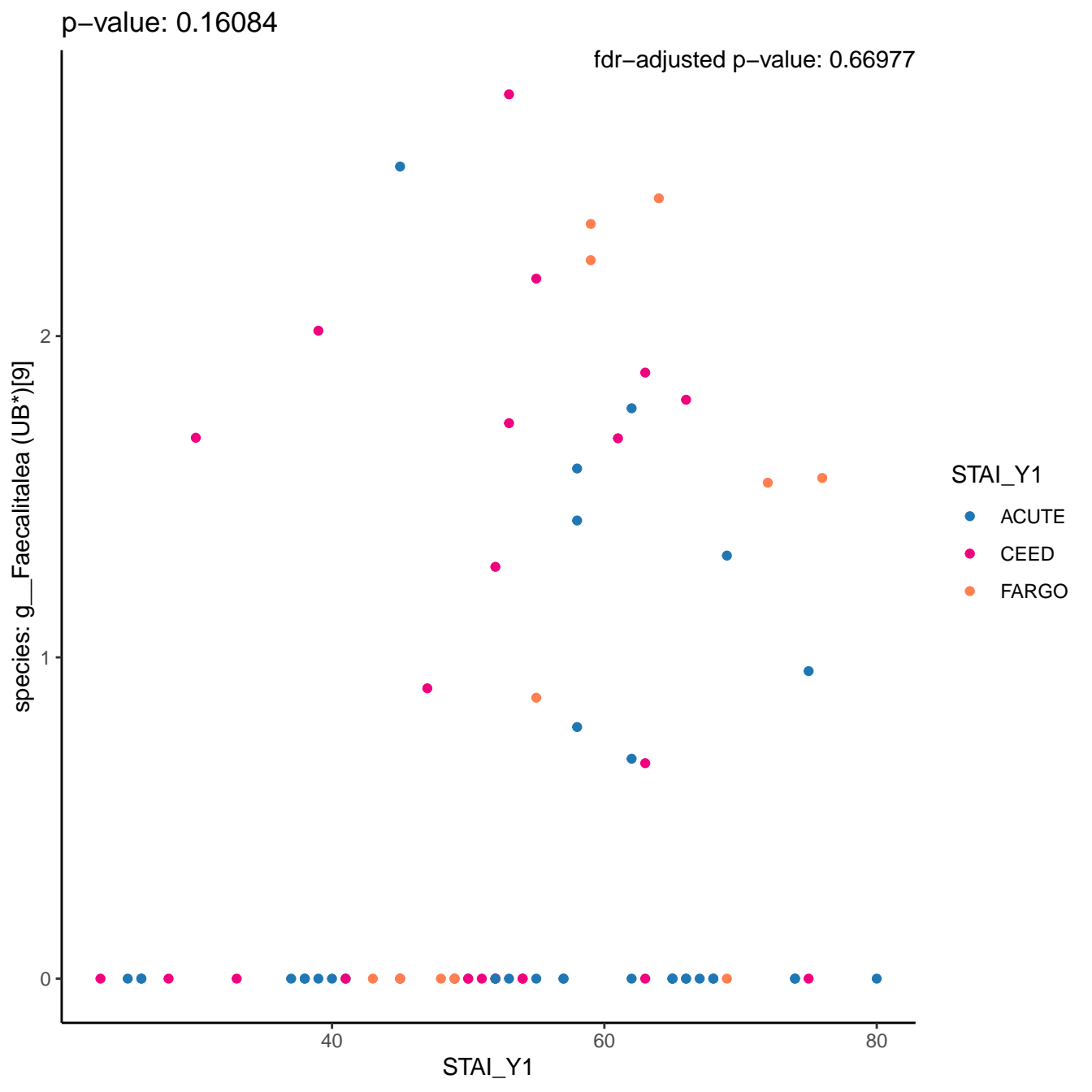
STAI\_Y1

ACUTE

CEED

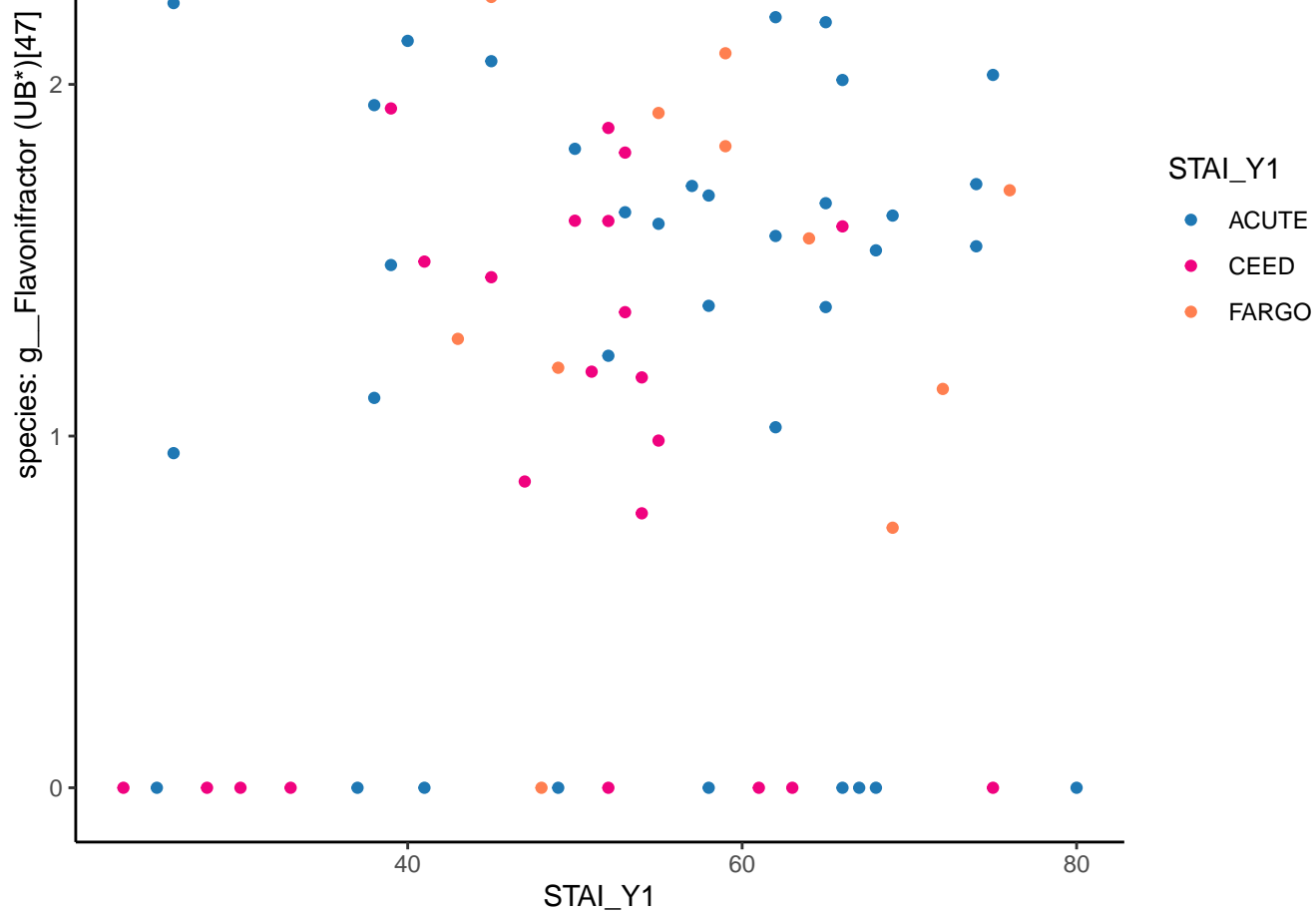
FARGO

STAI\_Y1



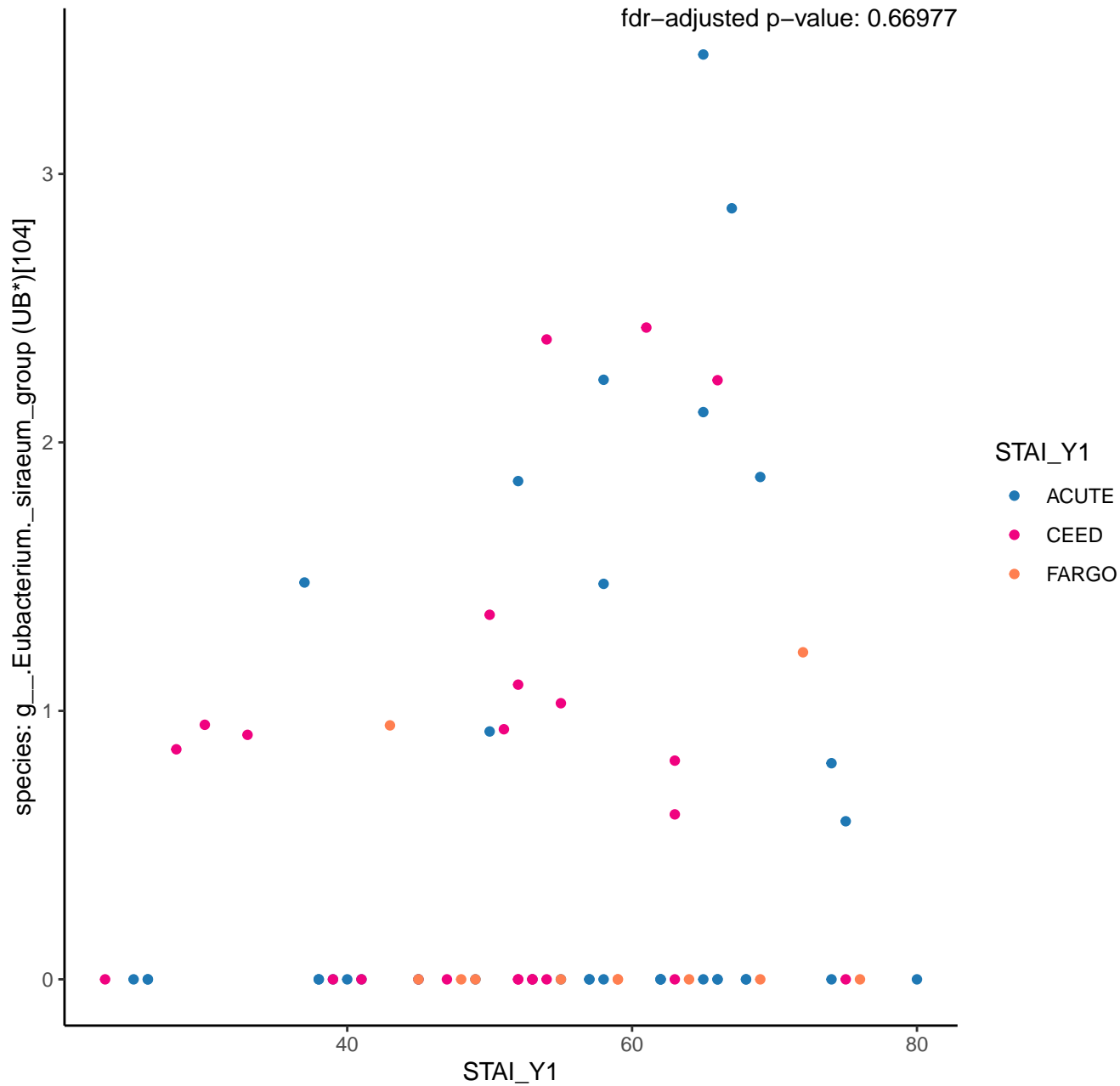
p-value: 0.17

fdr-adjusted p-value: 0.66977



p-value: 0.17243

fdr-adjusted p-value: 0.66977





p-value: 0.17518

fdr-adjusted p-value: 0.66977



STAI\_Y1

- ACUTE

- CEED

- FARGO

STAI\_Y1

80

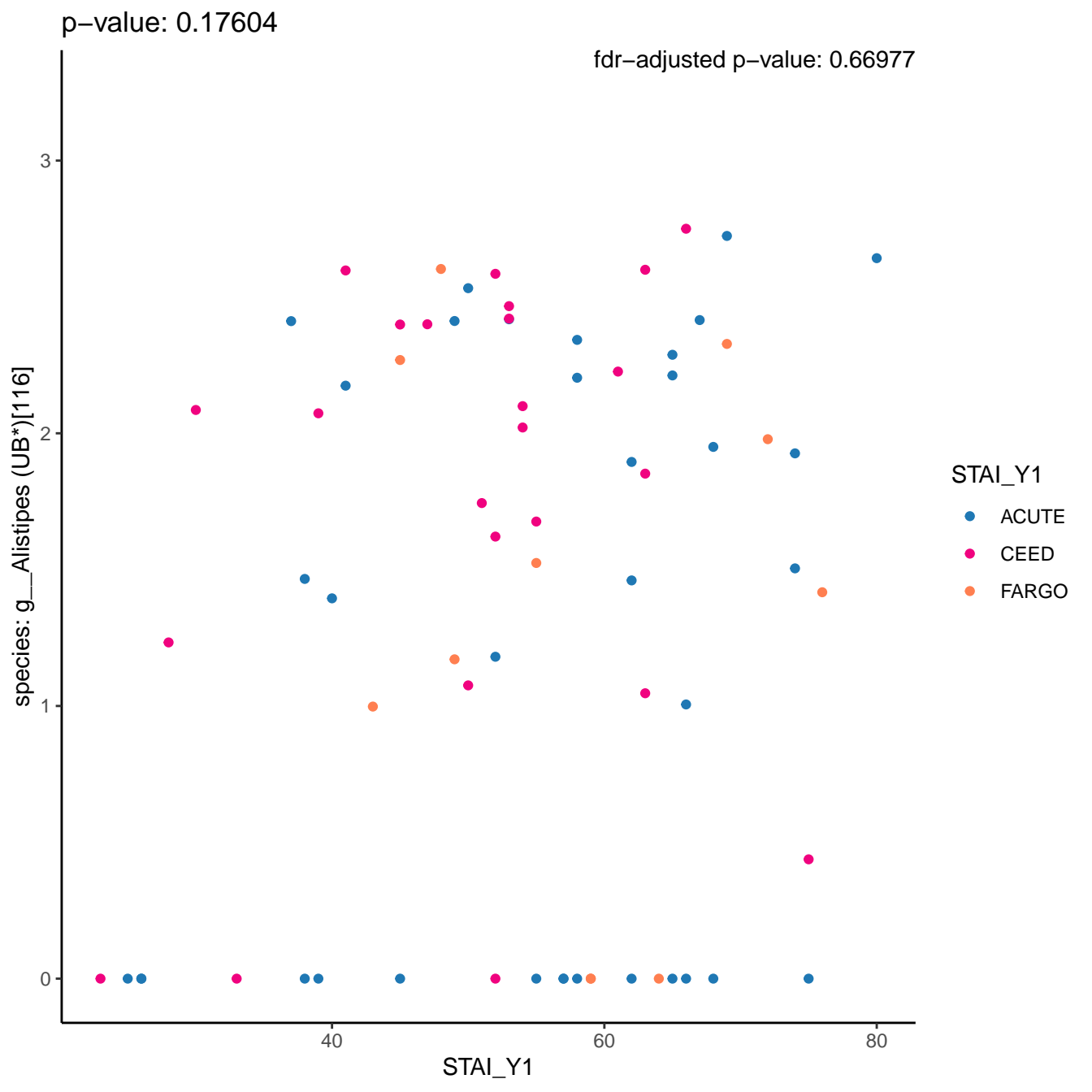
p-value: 0.17604

fdr-adjusted p-value: 0.66977

species: g\_\_Alistipes (UB\*)[116]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.18608

fdr-adjusted p-value: 0.66977

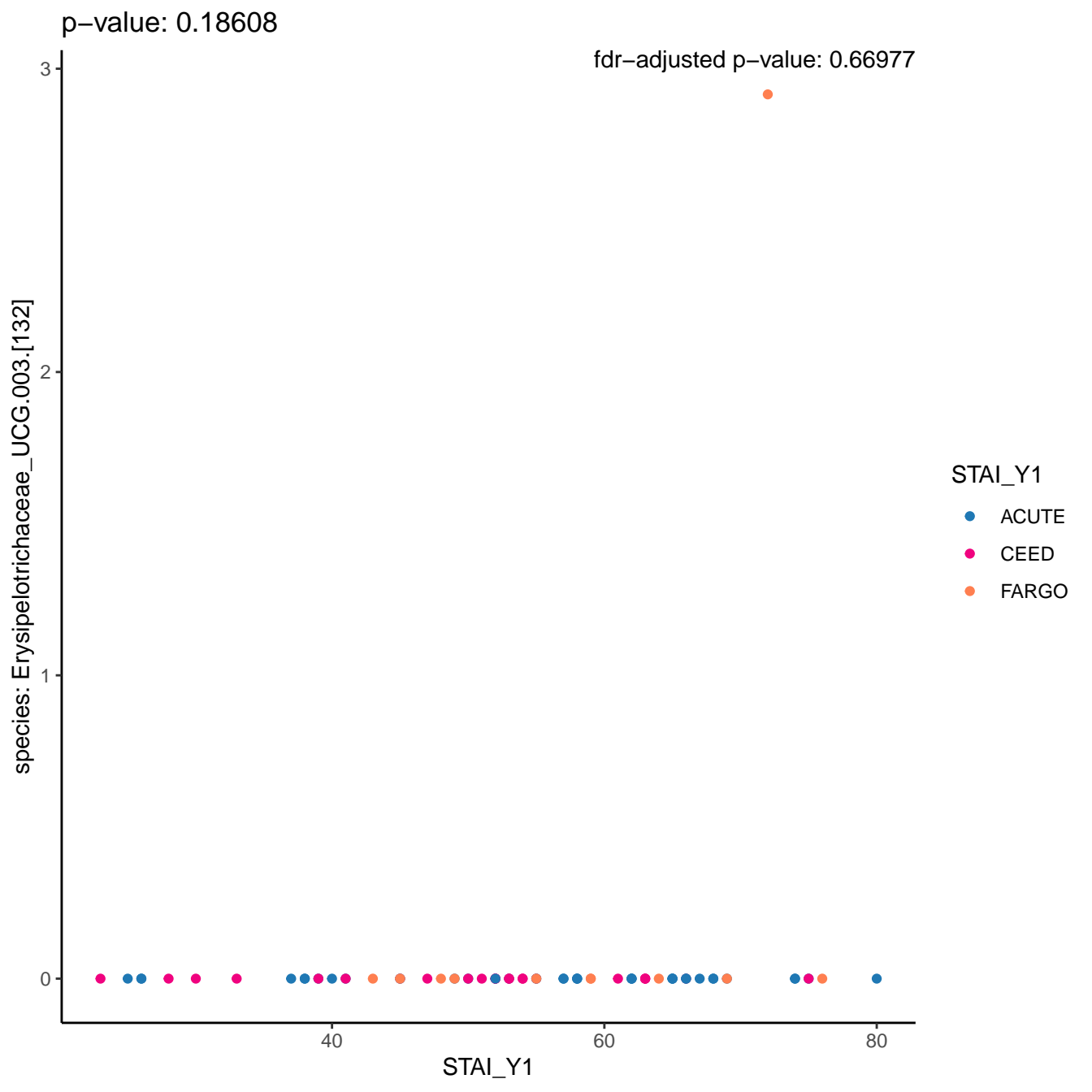
species: Erysipelotrichaceae\_UCG.003.[132]

STAI\_Y1

ACUTE

CEED

FARGO



p-value: 0.18783

fdr-adjusted p-value: 0.66977



STAI\_Y1

- ACUTE

- CEED

- FARGO

4C

STAI\_Y1

60

80

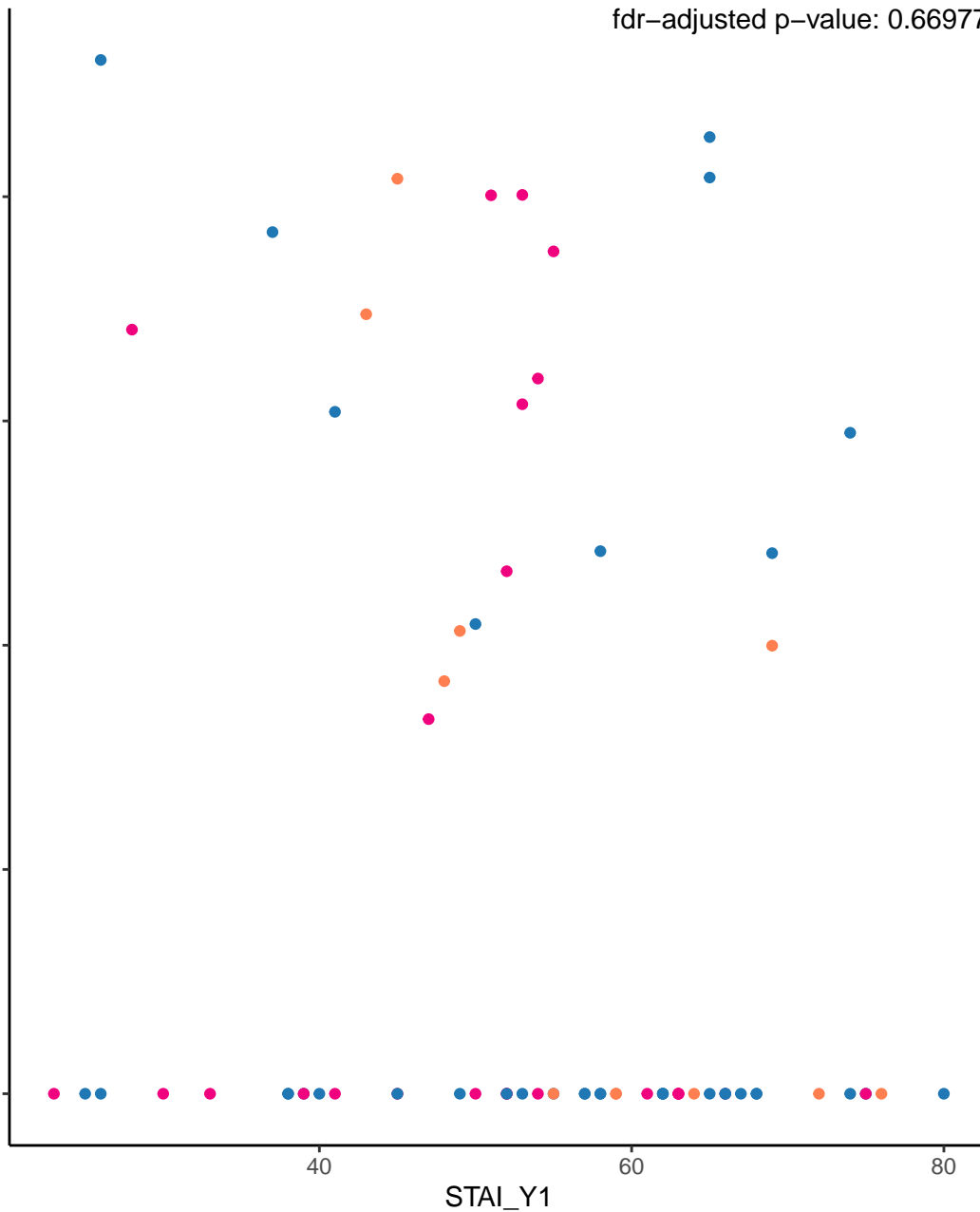
p-value: 0.19112

fdr-adjusted p-value: 0.66977

species: g\_\_Negativibacillus (UB\*)[141]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.19256

fdr-adjusted p-value: 0.66977

species: g\_\_uncultured (UB\*)[102]

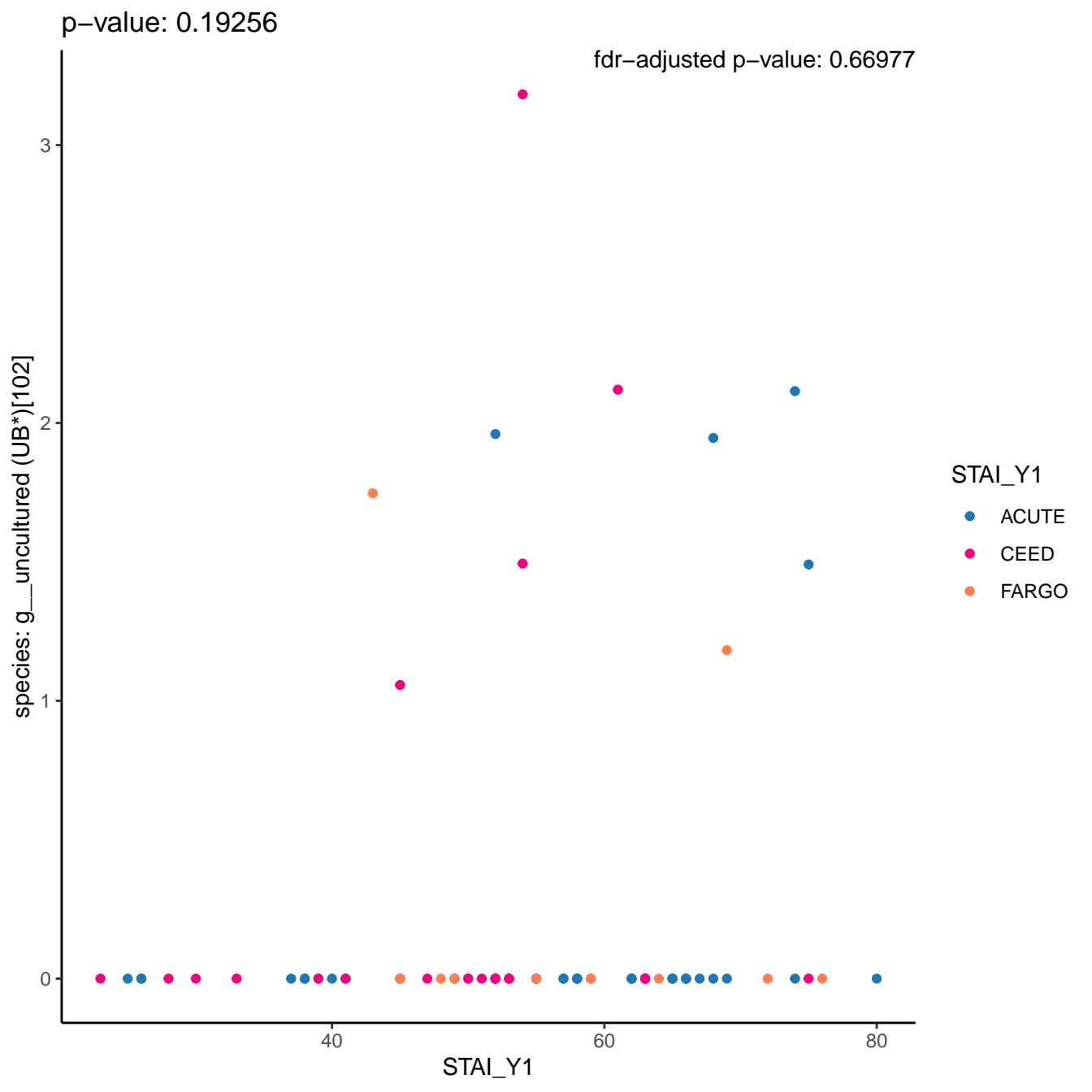
STAI\_Y1

ACUTE

CEED

FARGO

STAI\_Y1



p-value: 0.21491

fdr-adjusted p-value: 0.73162

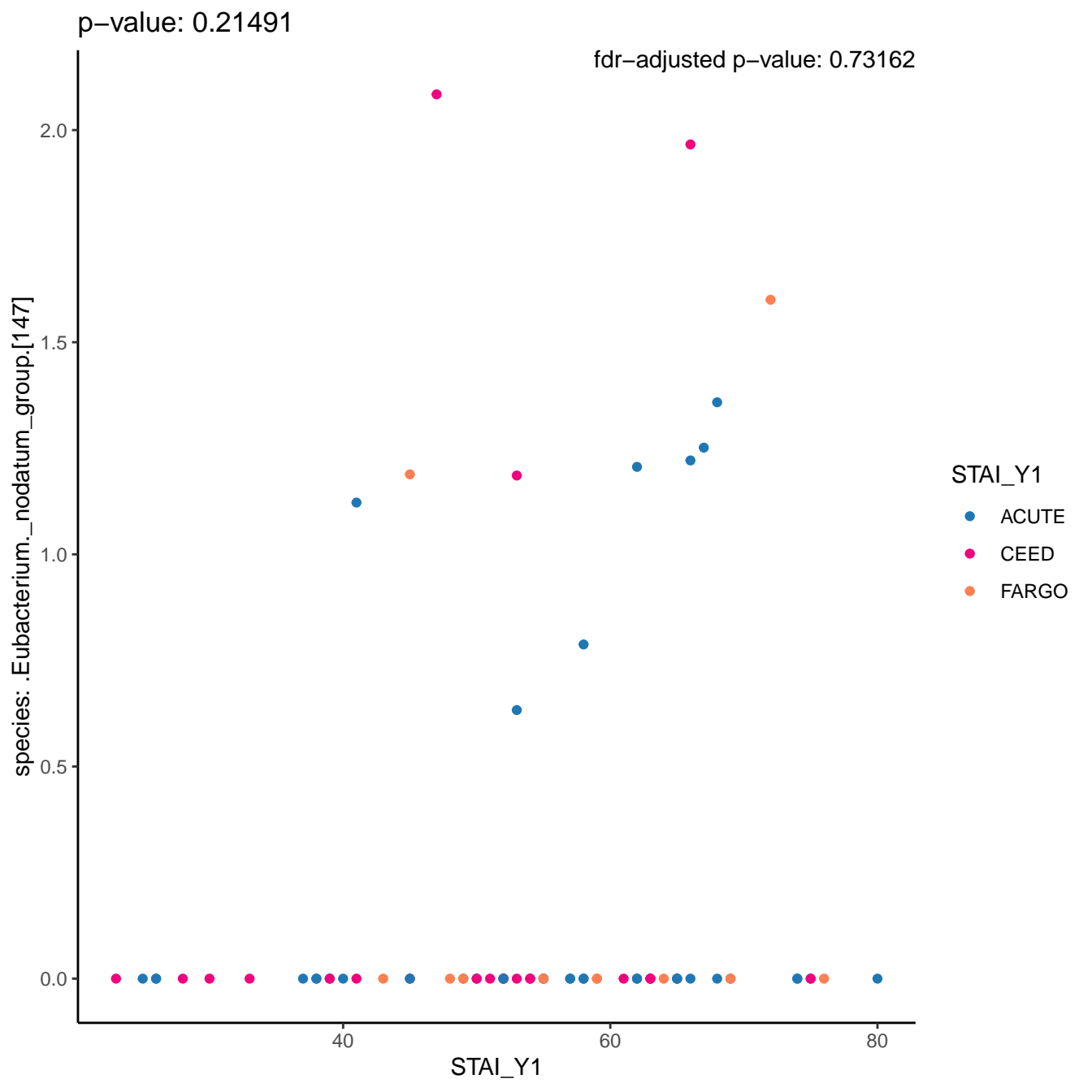
species: .Eubacterium.\_nodatum\_group.[147]

STAI\_Y1

ACUTE

CEED

FARGO



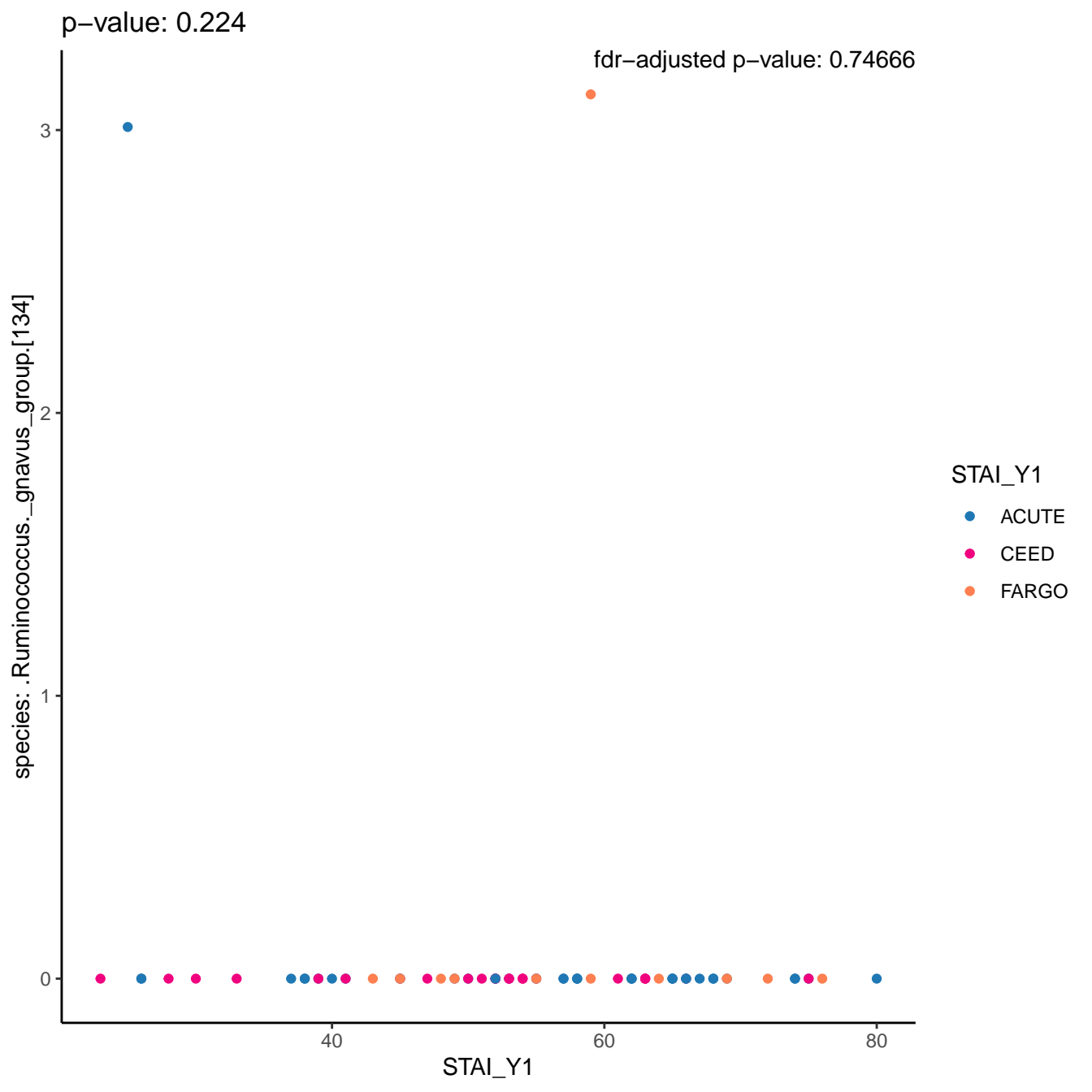
p-value: 0.224

fdr-adjusted p-value: 0.74666

species: .Ruminococcus.\_gnavus\_group.[134]

STAI\_Y1

- ACUTE
- CEED
- FARGO





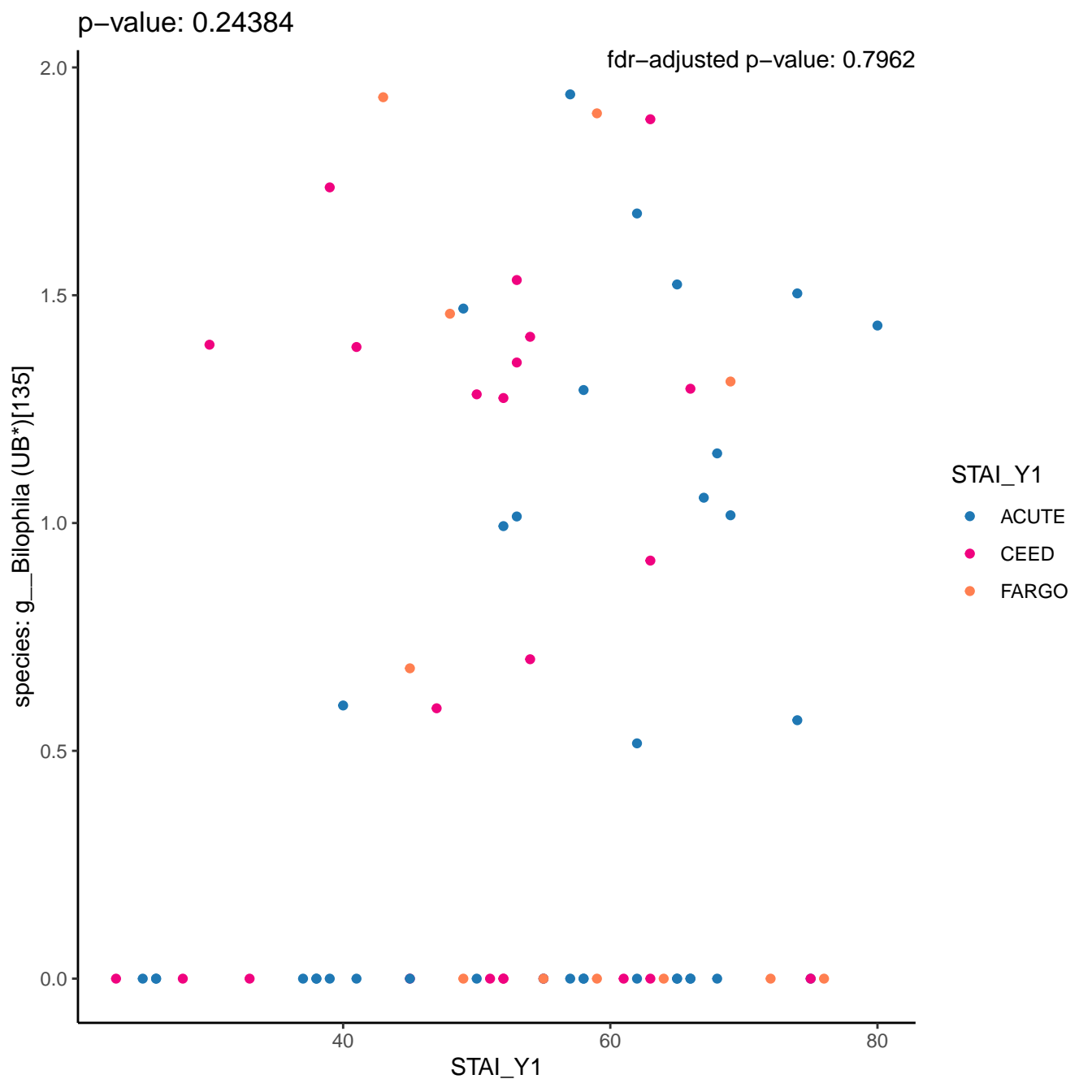
p-value: 0.24384

fdr-adjusted p-value: 0.7962

species: g\_\_Bilophila (UB\*)[135]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.26799

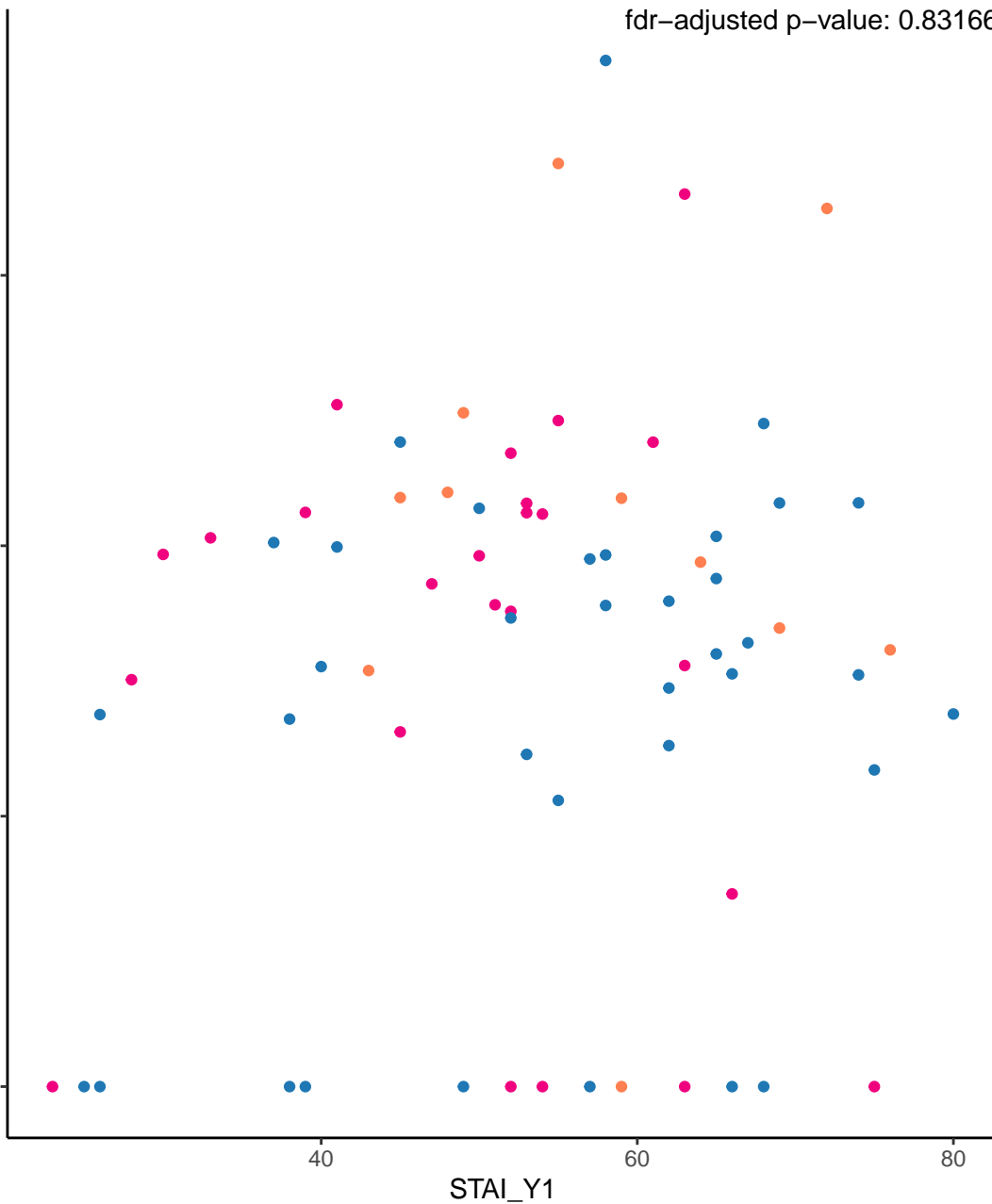
fdr-adjusted p-value: 0.83166

species: g\_\_uncultured (UB\*)[100]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



p-value: 0.27196

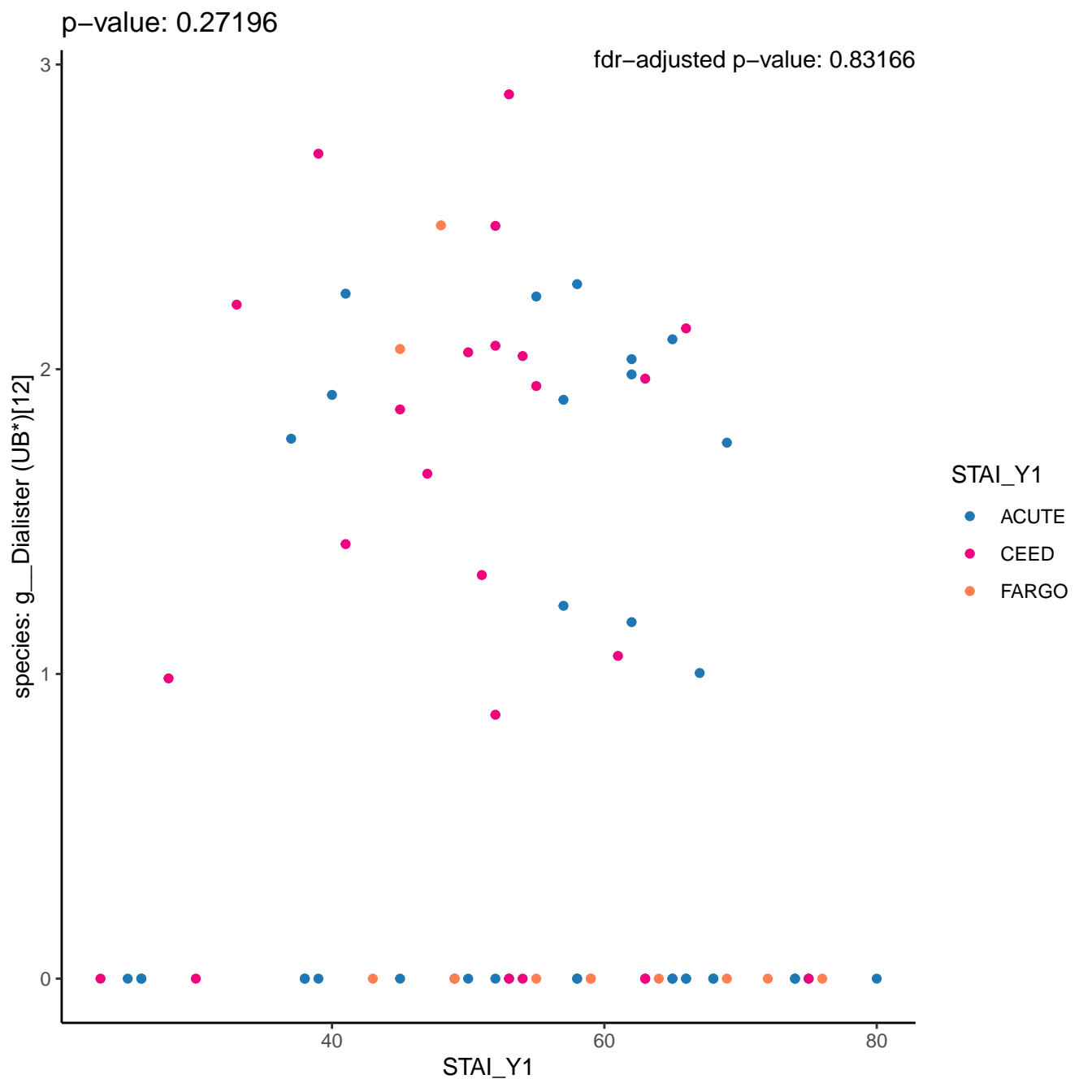
fdr-adjusted p-value: 0.83166

species: g\_\_Dialister (UB\*)[12]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.27391

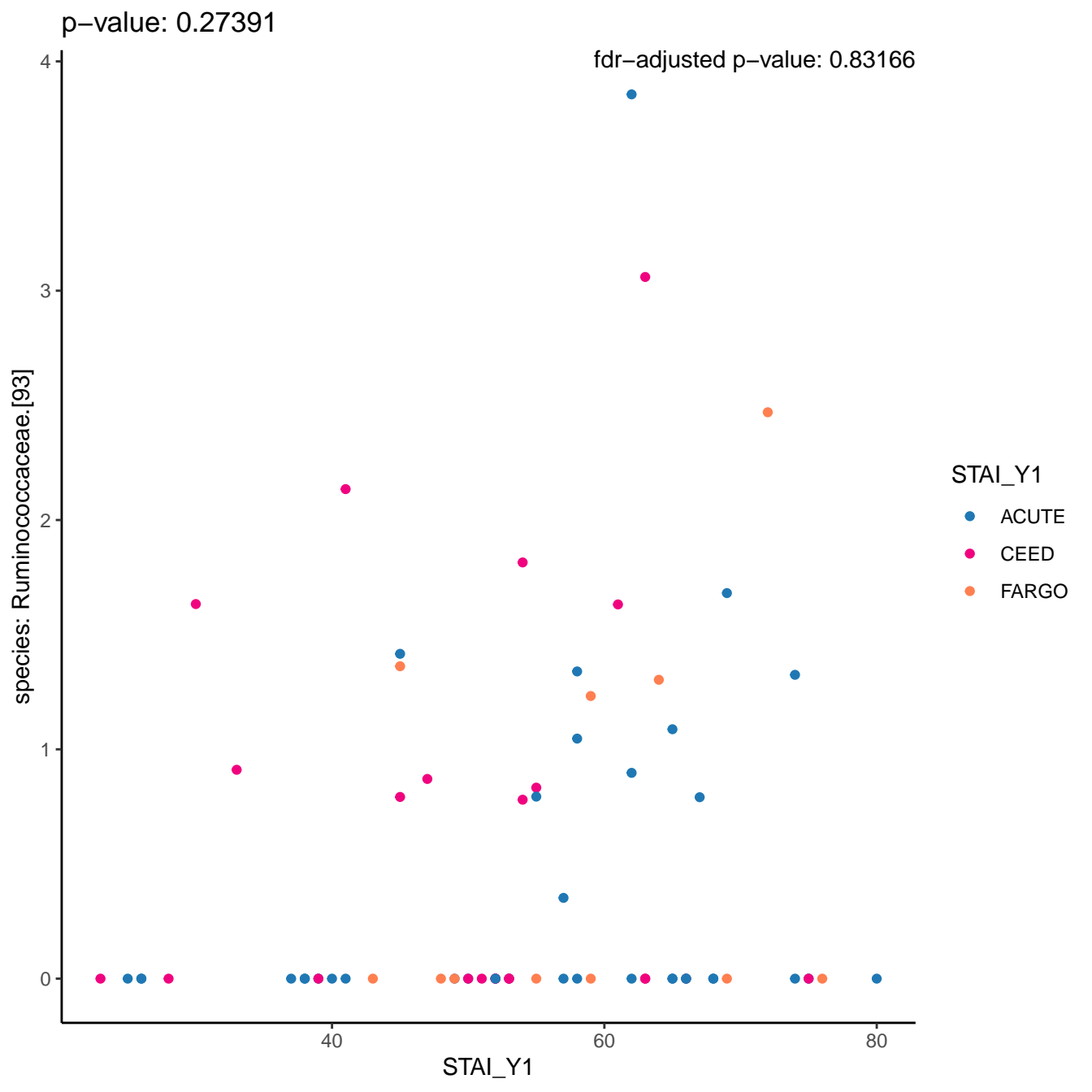
fdr-adjusted p-value: 0.83166

species: Ruminococcaceae.[93]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.28495

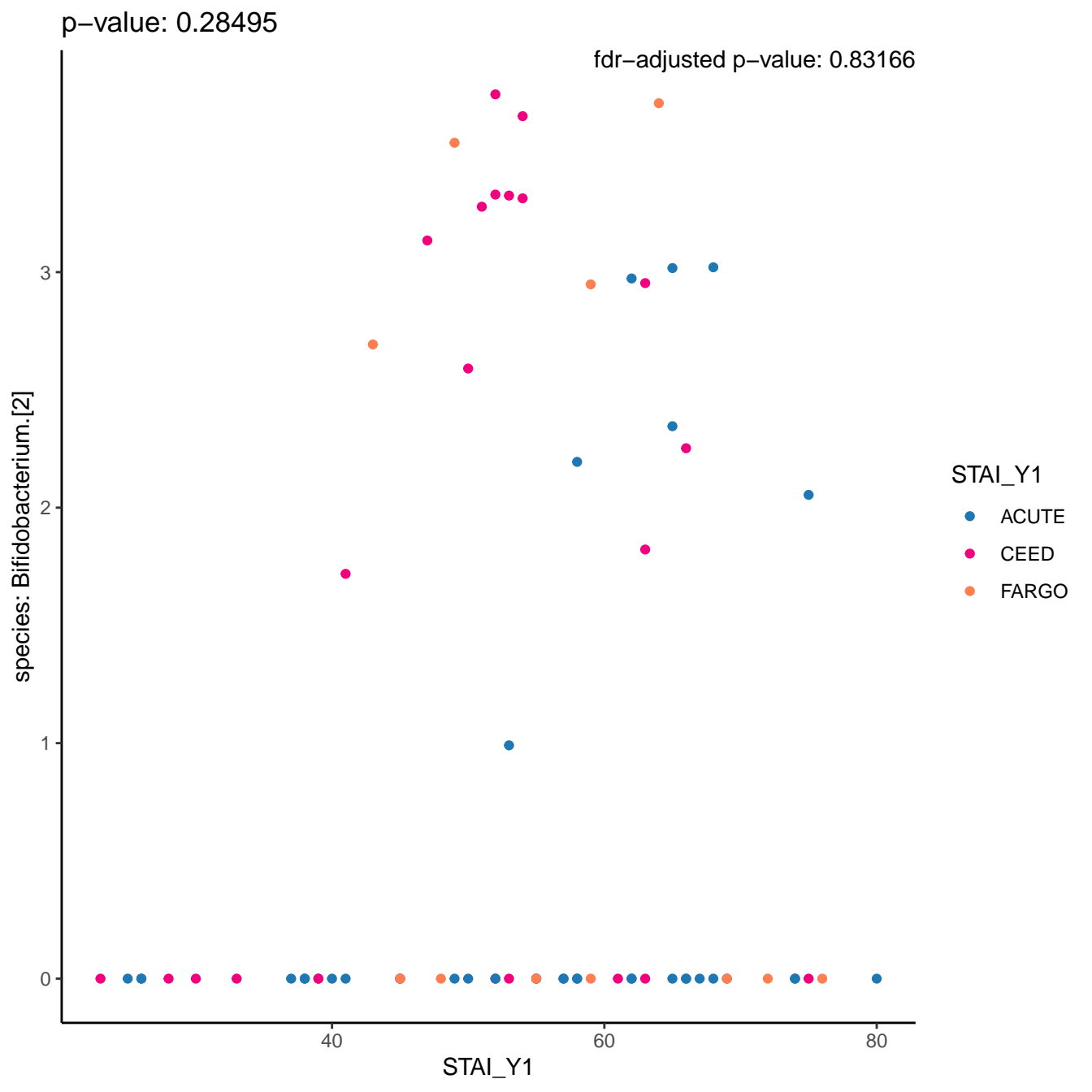
fdr-adjusted p-value: 0.83166

species: Bifidobacterium.[2]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.29243

fdr-adjusted p-value: 0.83166

species: g\_\_Haemophilus (UB\*)[109]

STAI\_Y1

ACUTE

CEED

FARGO

1.0

0.5

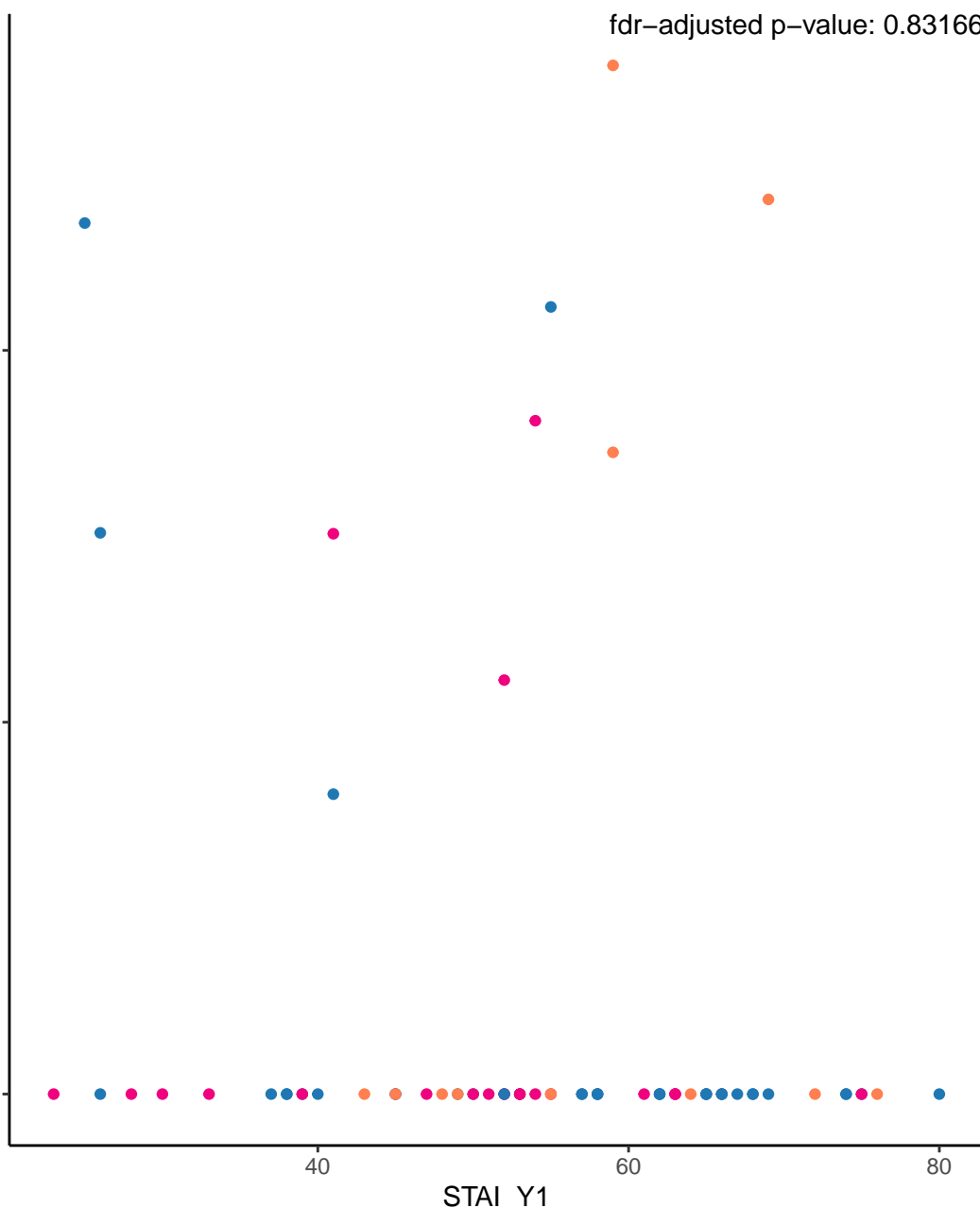
0.0

STAI\_Y1

40

60

80



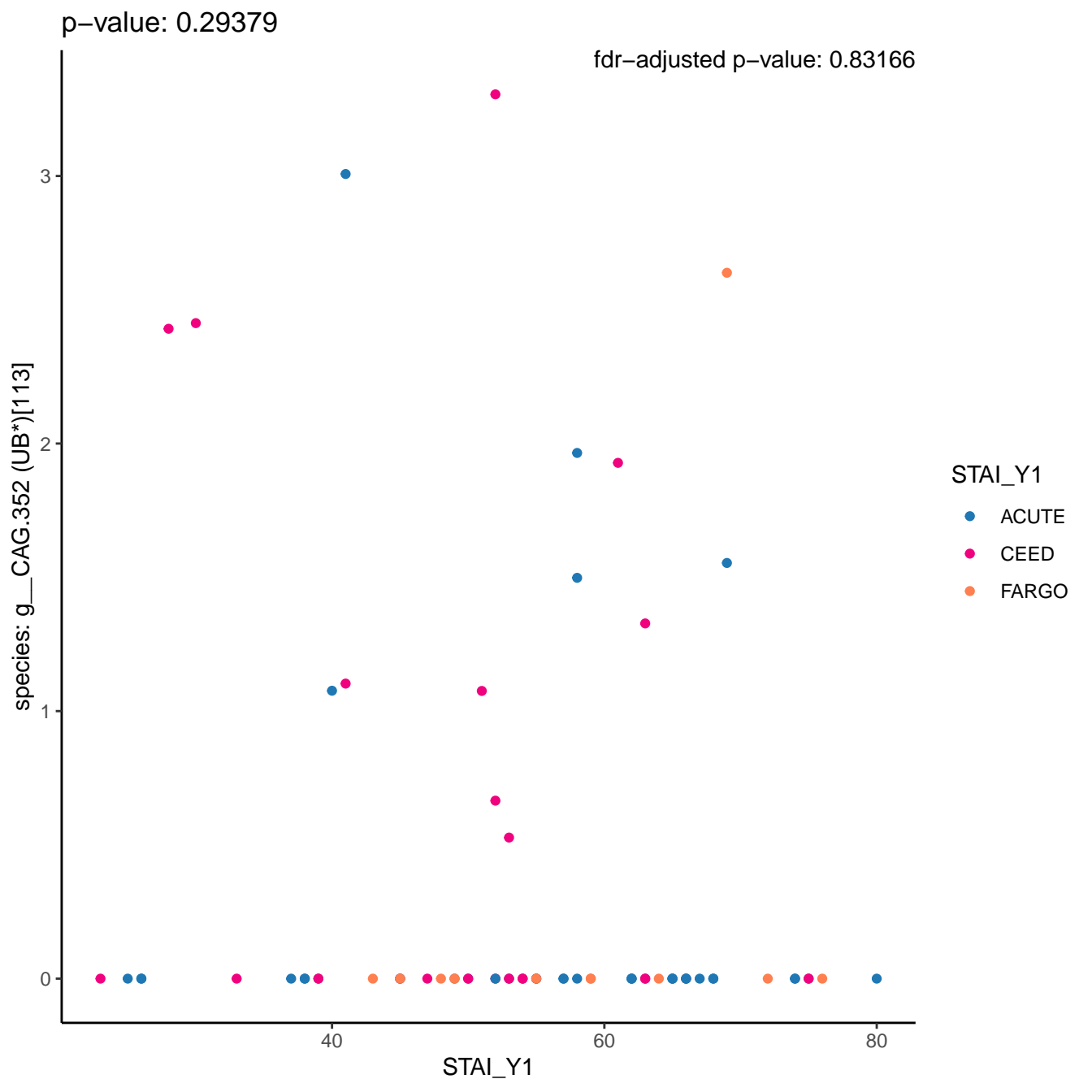
p-value: 0.29379

fdr-adjusted p-value: 0.83166

species: g\_\_CAG.352 (UB\*)[113]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.29403

fdr-adjusted p-value: 0.83166

species: g\_\_Actinomyces (UB\*)[138]

STAI\_Y1

ACUTE

CEED

FARGO

0.0

STAI\_Y1

40

60

80

1.0

1.5

0.5

0.0



p-value: 0.29692

fdr-adjusted p-value: 0.83166

species: g\_\_Frisingicoccus (UB\*)[119]

STAI\_Y1

ACUTE

CEED

FARGO

0

1

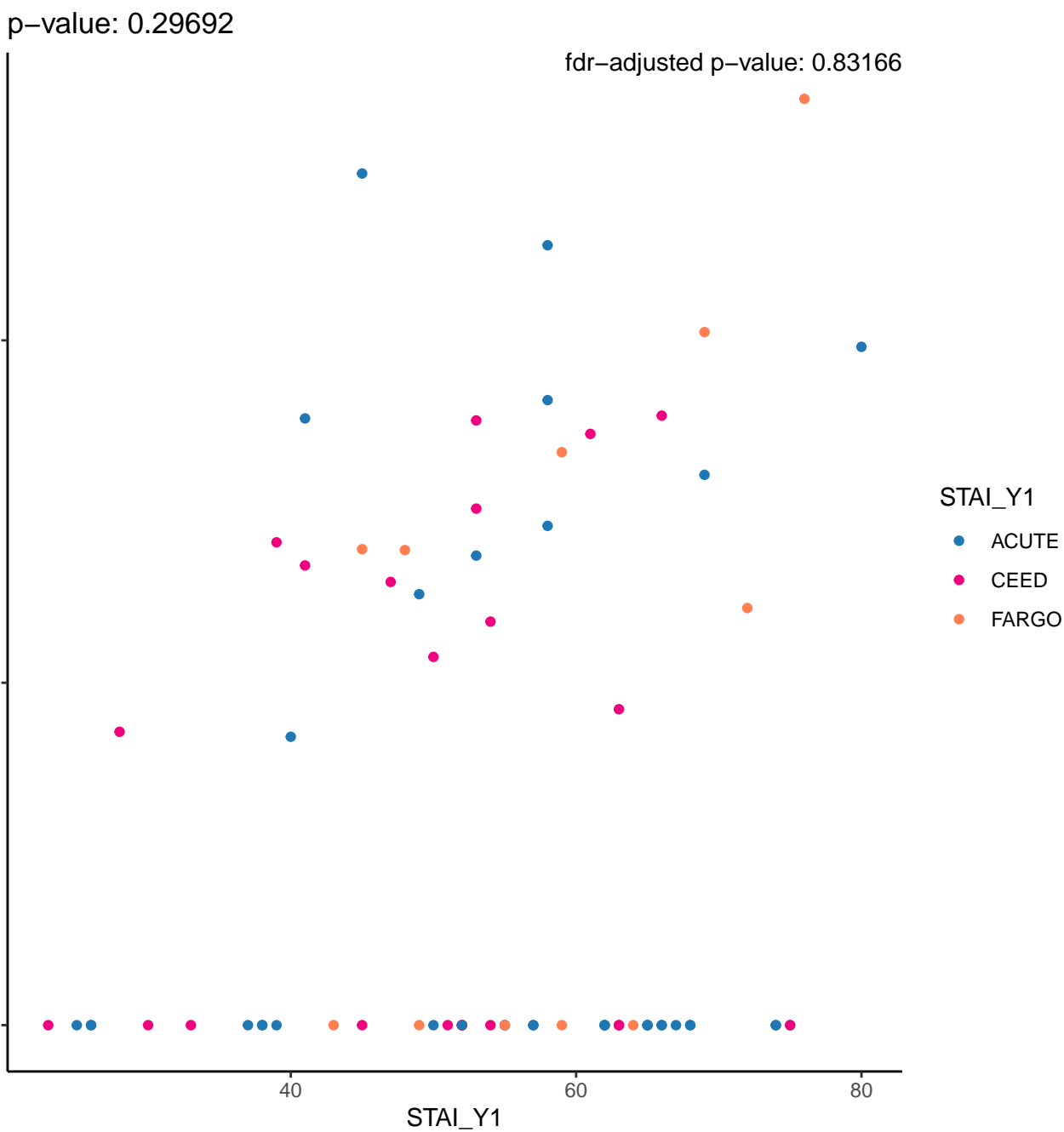
2

STAI\_Y1

40

60

80



p-value: 0.30148

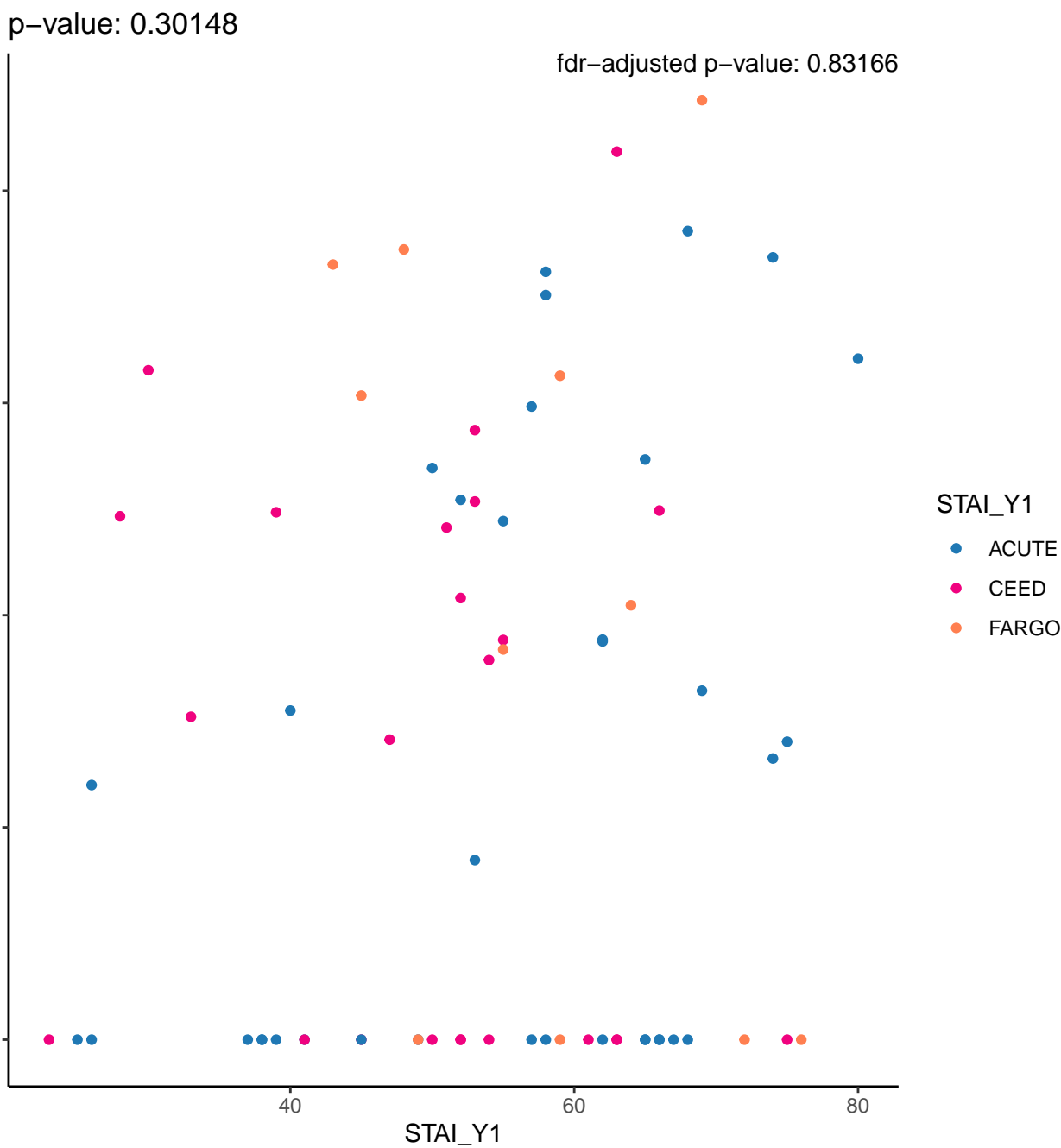
fdr-adjusted p-value: 0.83166

species: Anaerotruncus.[154]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



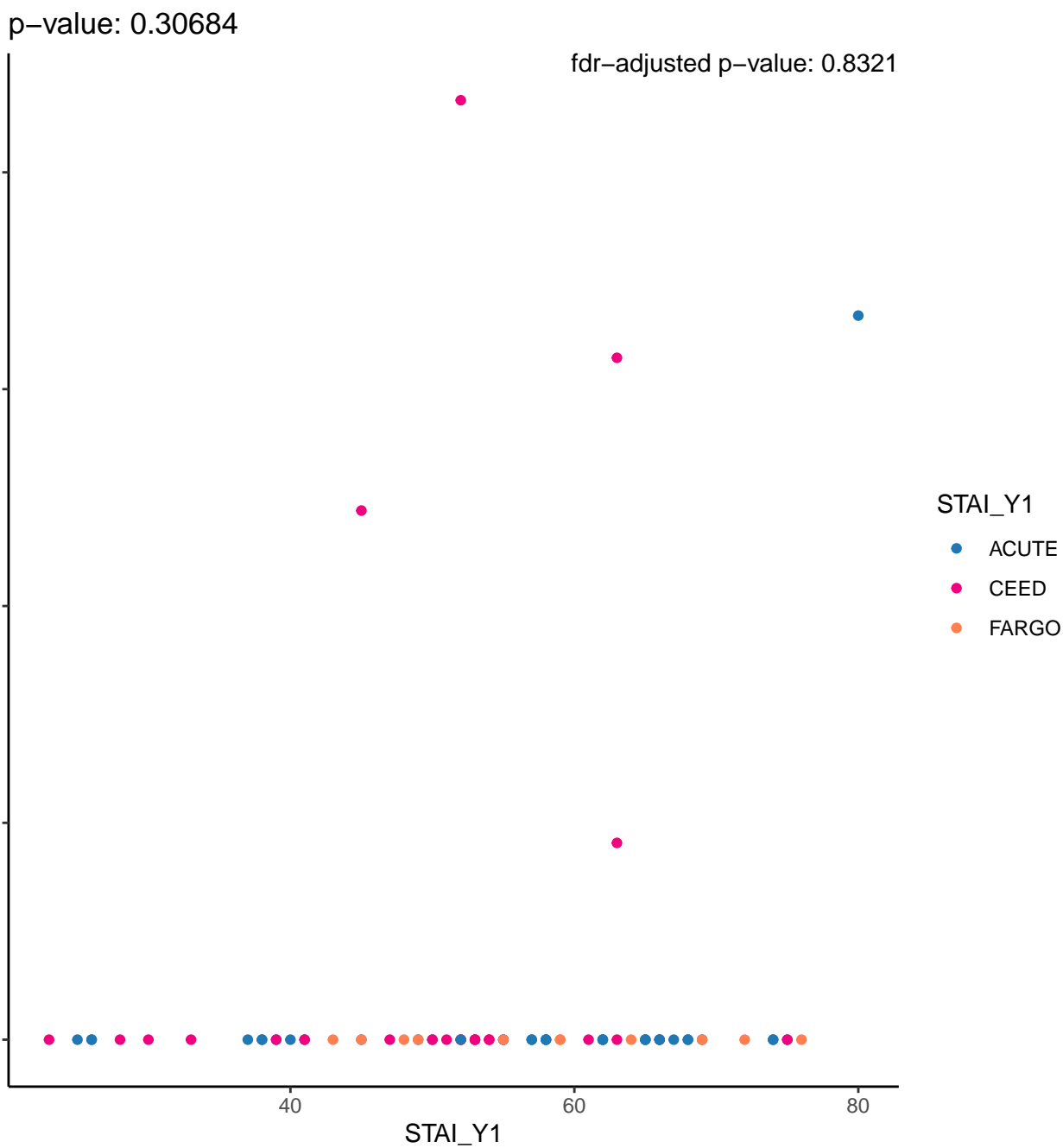
p-value: 0.30684

fdr-adjusted p-value: 0.8321

species: *Barnesiella*.[1]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.32826

fdr-adjusted p-value: 0.87535

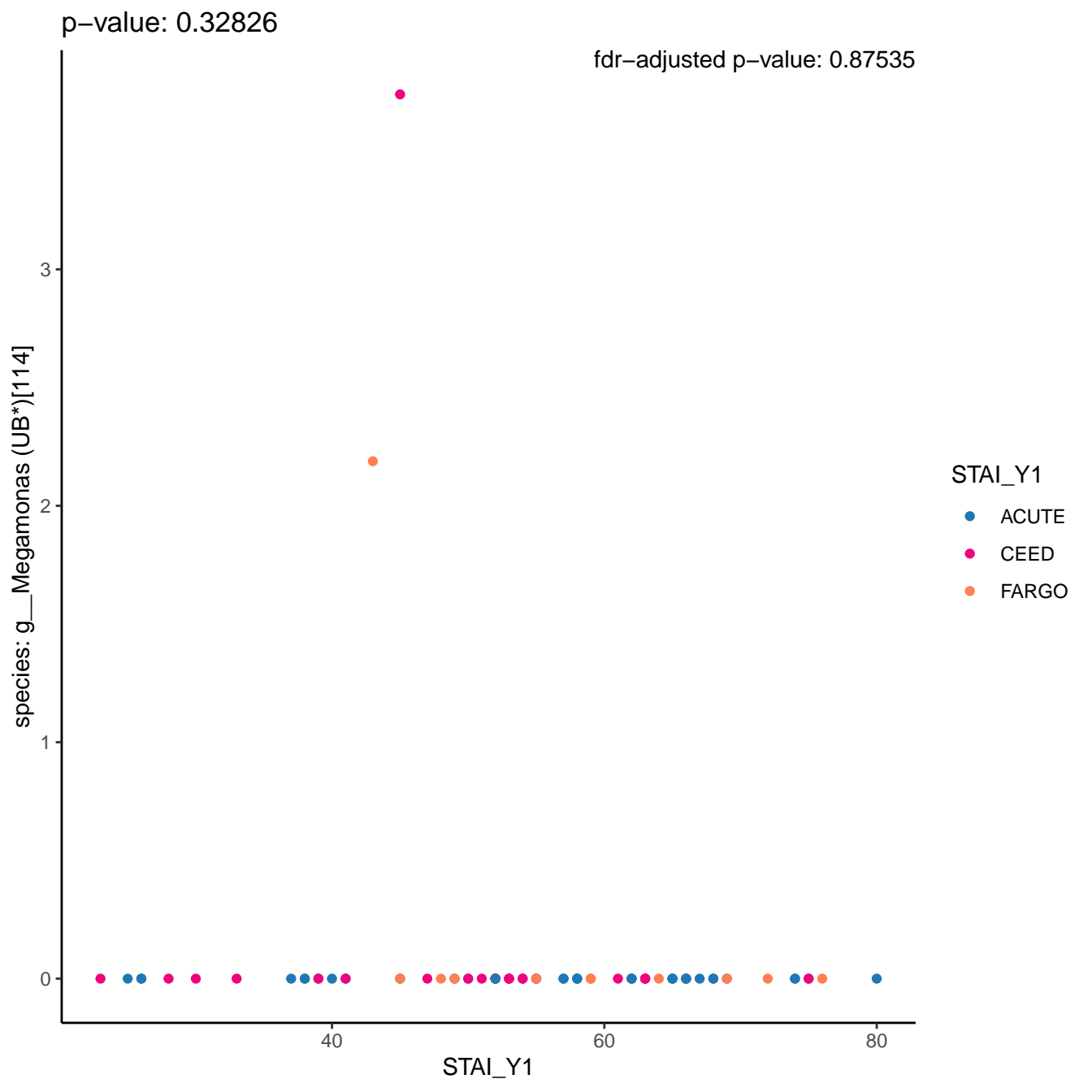
species: g\_\_Megamonas (UB\*)[114]

STAI\_Y1

● ACUTE

● CEED

● FARGO



p-value: 0.33677

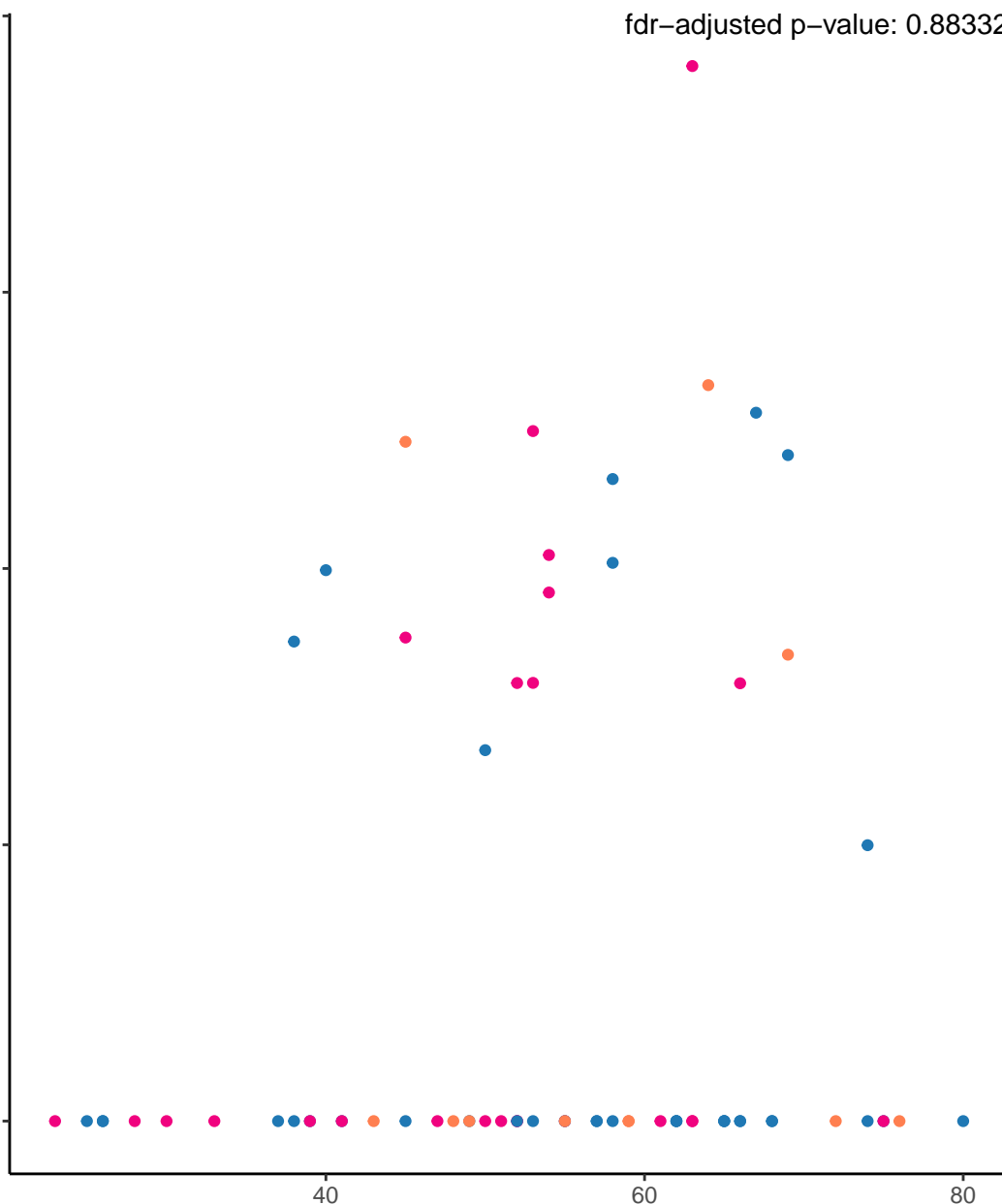
fdr-adjusted p-value: 0.88332

species: uncultured\_organism[151]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



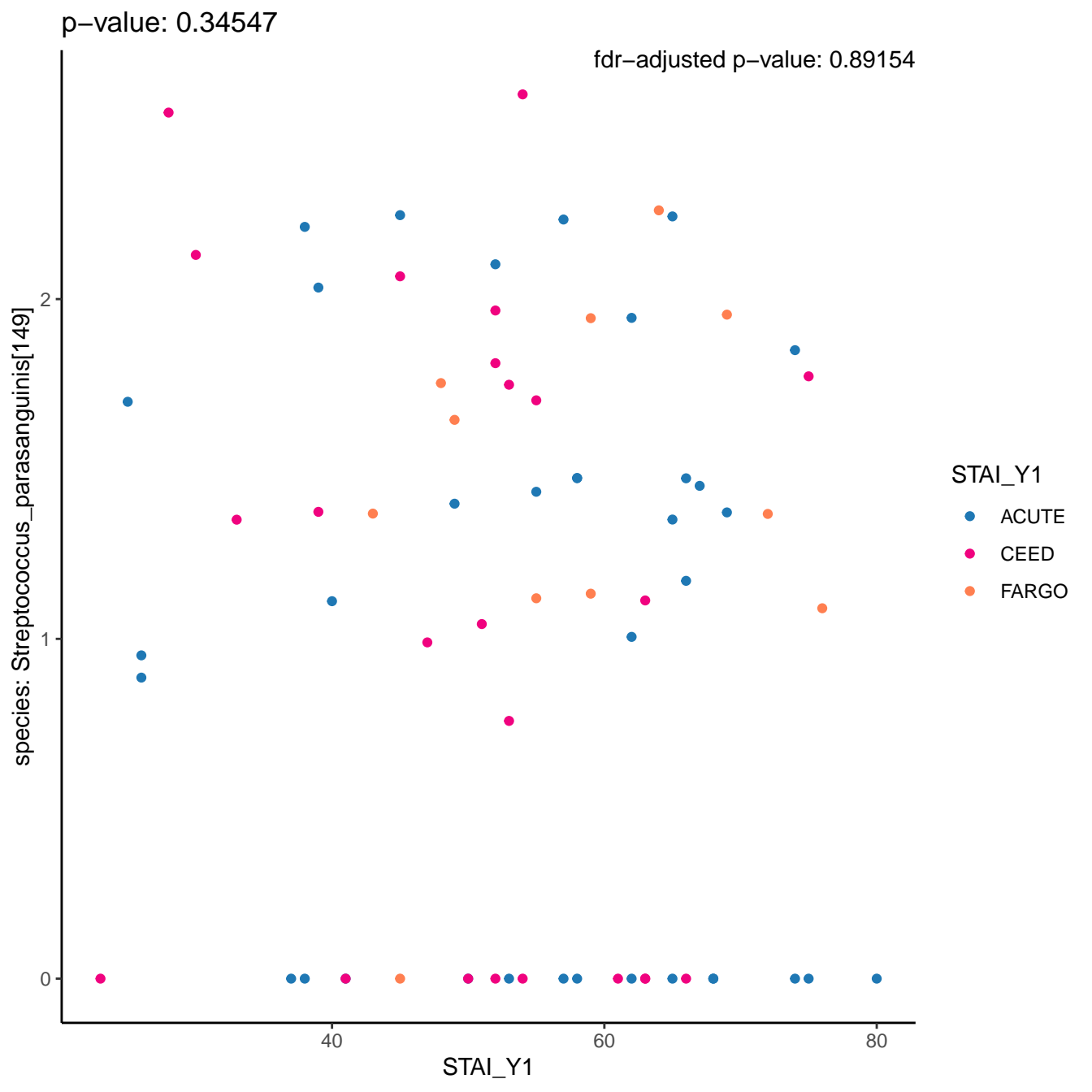
p-value: 0.34547

fdr-adjusted p-value: 0.89154

species: Streptococcus parasanguinis[149]

STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.36561

fdr-adjusted p-value: 0.89241

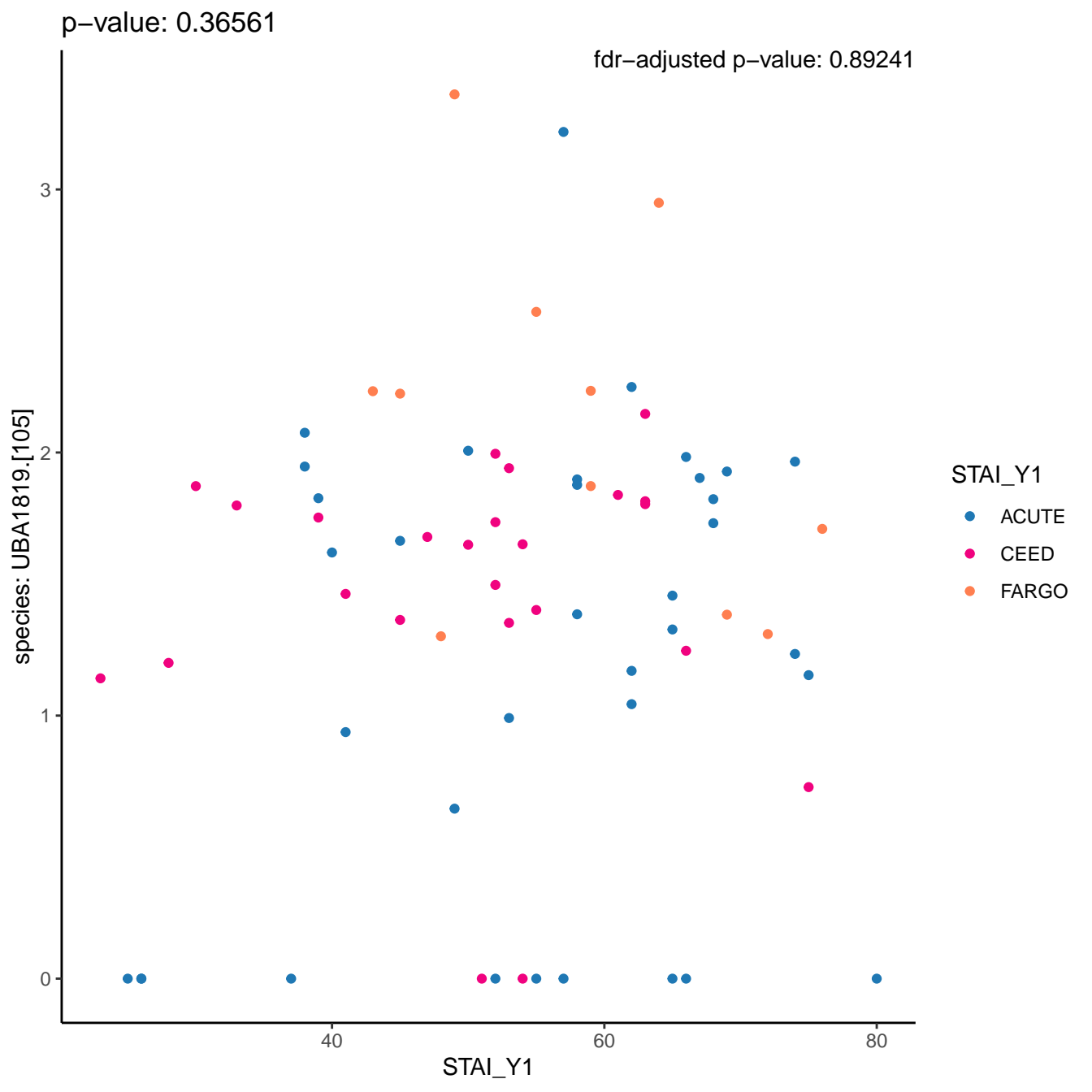
species: UBA1819.[105]

STAI\_Y1

ACUTE

CEED

FARGO



p-value: 0.37127

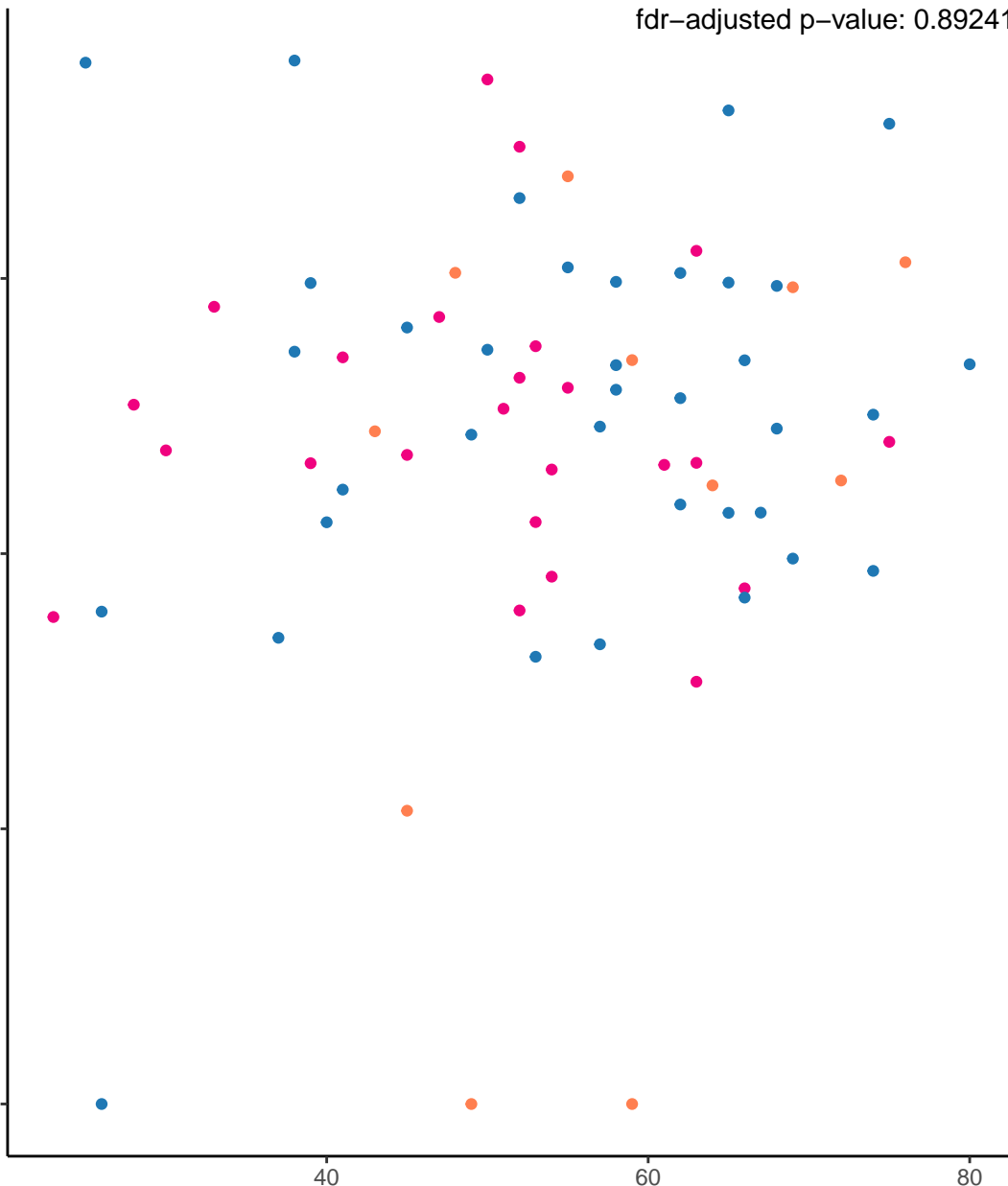
fdr-adjusted p-value: 0.89241

species: g\_\_Blautia (UB\*)[20]

STAI\_Y1

STAI\_Y1

ACUTE  
CEED  
FARGO





p-value: 0.37451

fdr-adjusted p-value: 0.89241

species: g\_\_Paraprevotella (UB\*)[157]

STAI\_Y1

ACUTE

CEED

FARGO

0.0

0.5

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1.5

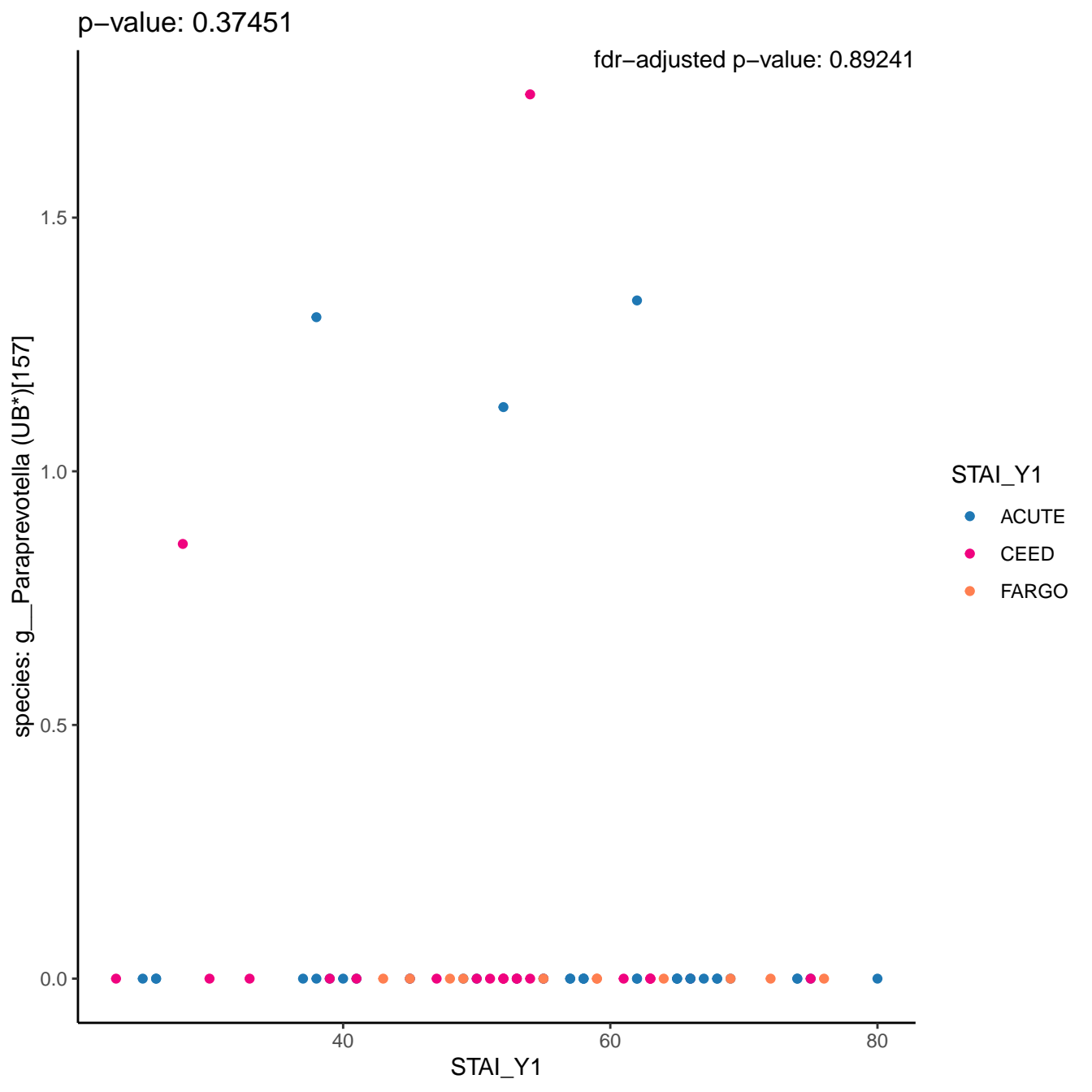
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STAI\_Y1



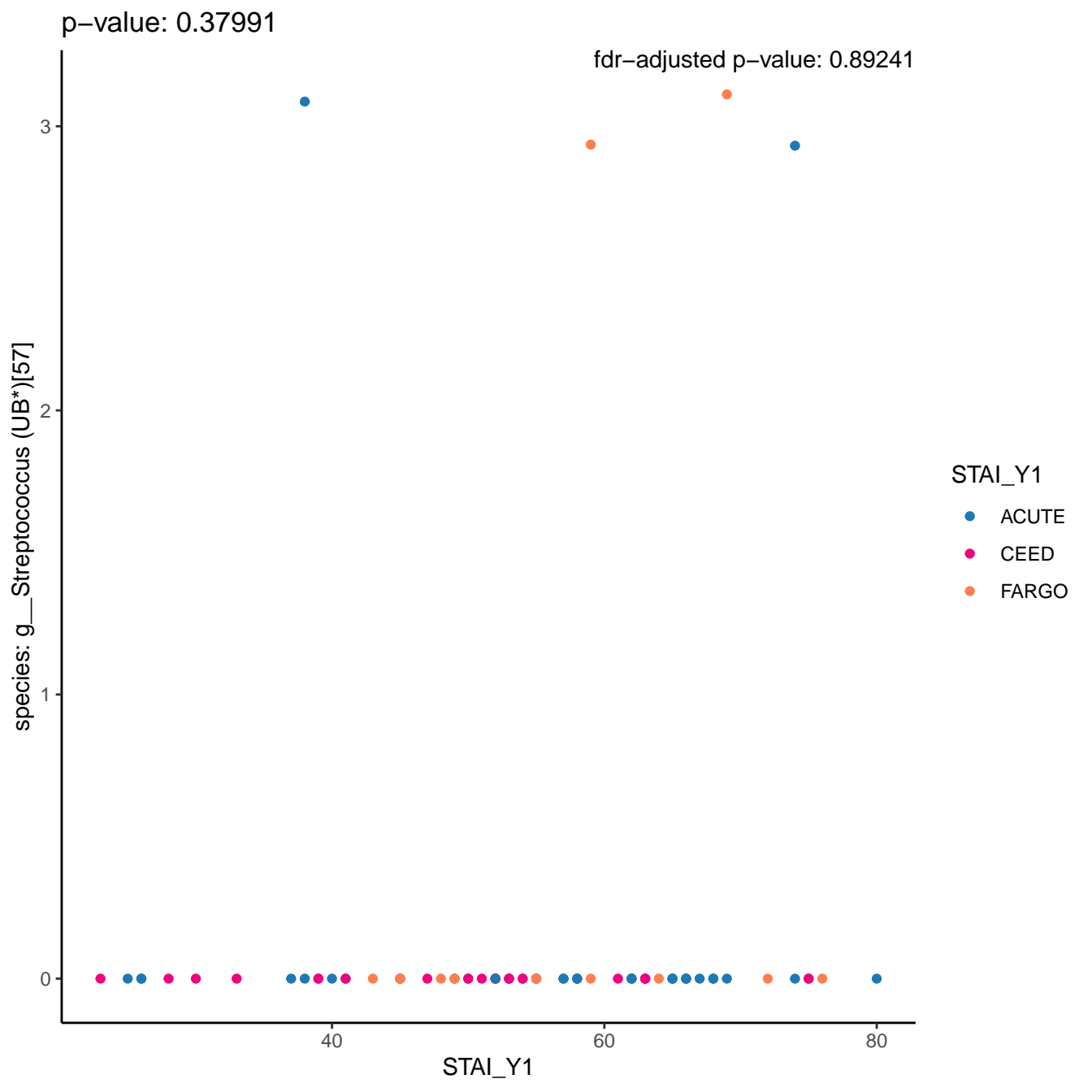
p-value: 0.37991

fdr-adjusted p-value: 0.89241

species: g\_\_Streptococcus (UB\*)[57]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.38186

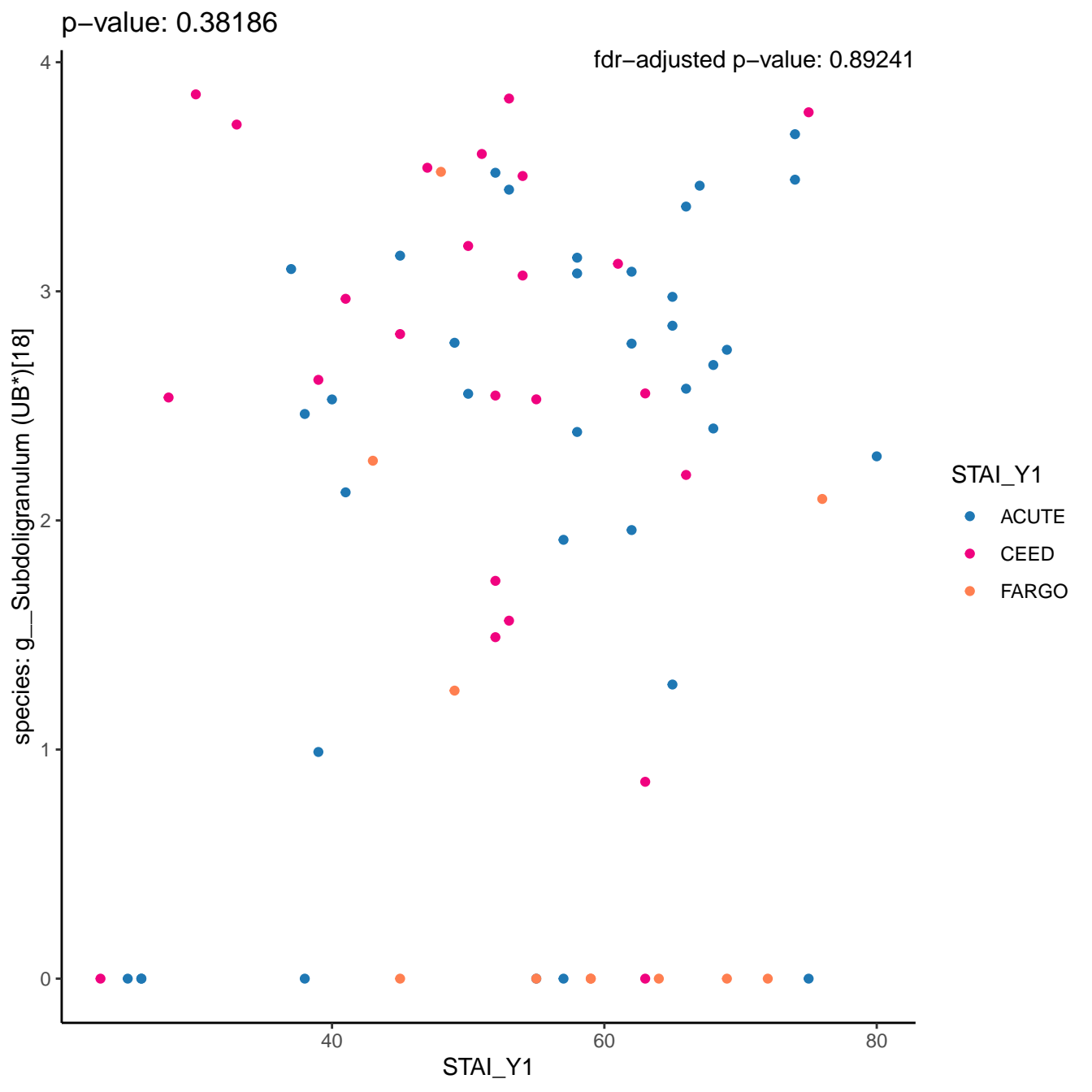
fdr-adjusted p-value: 0.89241

species: g\_\_Subdoligranulum (UB\*)[18]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



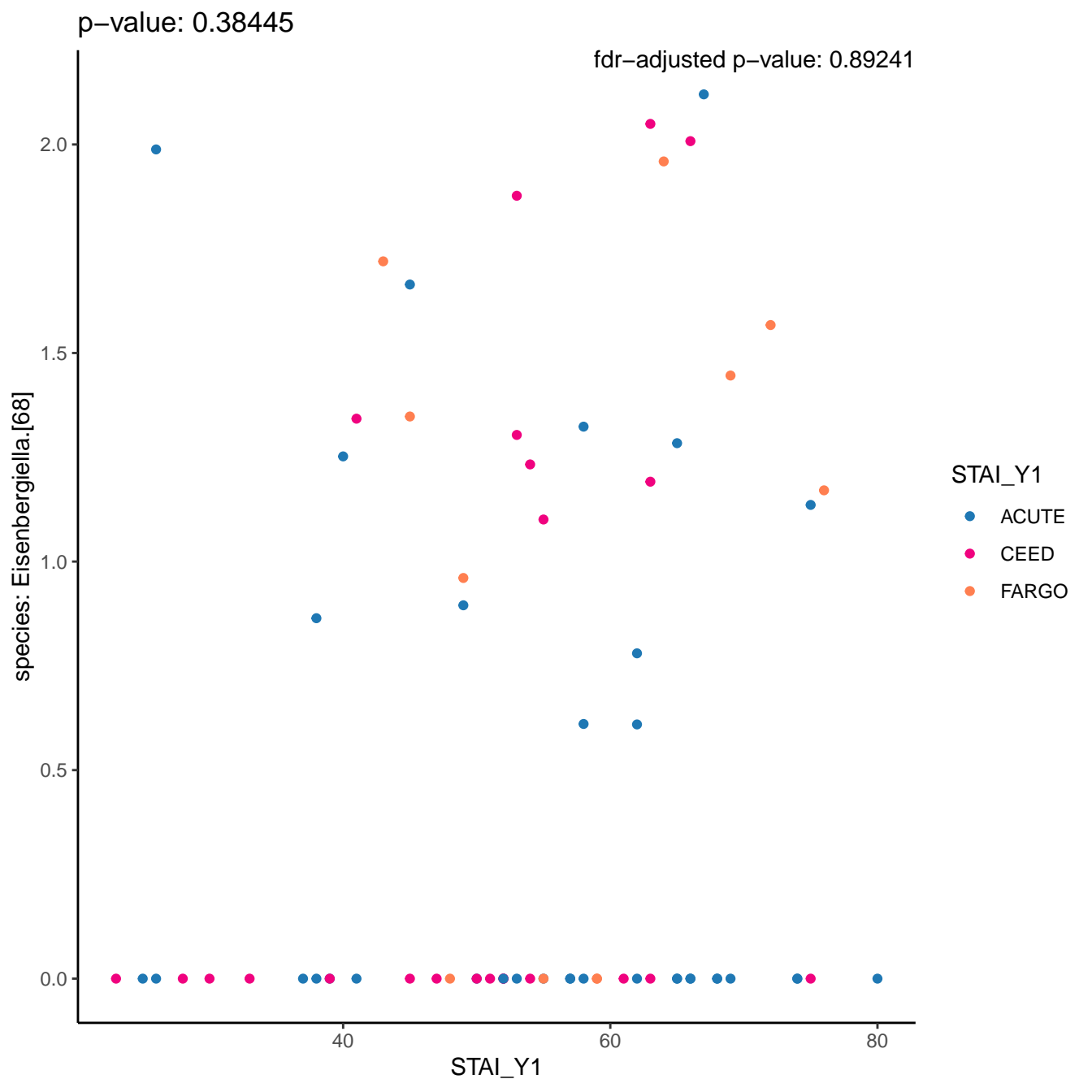
p-value: 0.38445

fdr-adjusted p-value: 0.89241

species: Eisenbergiella.[68]

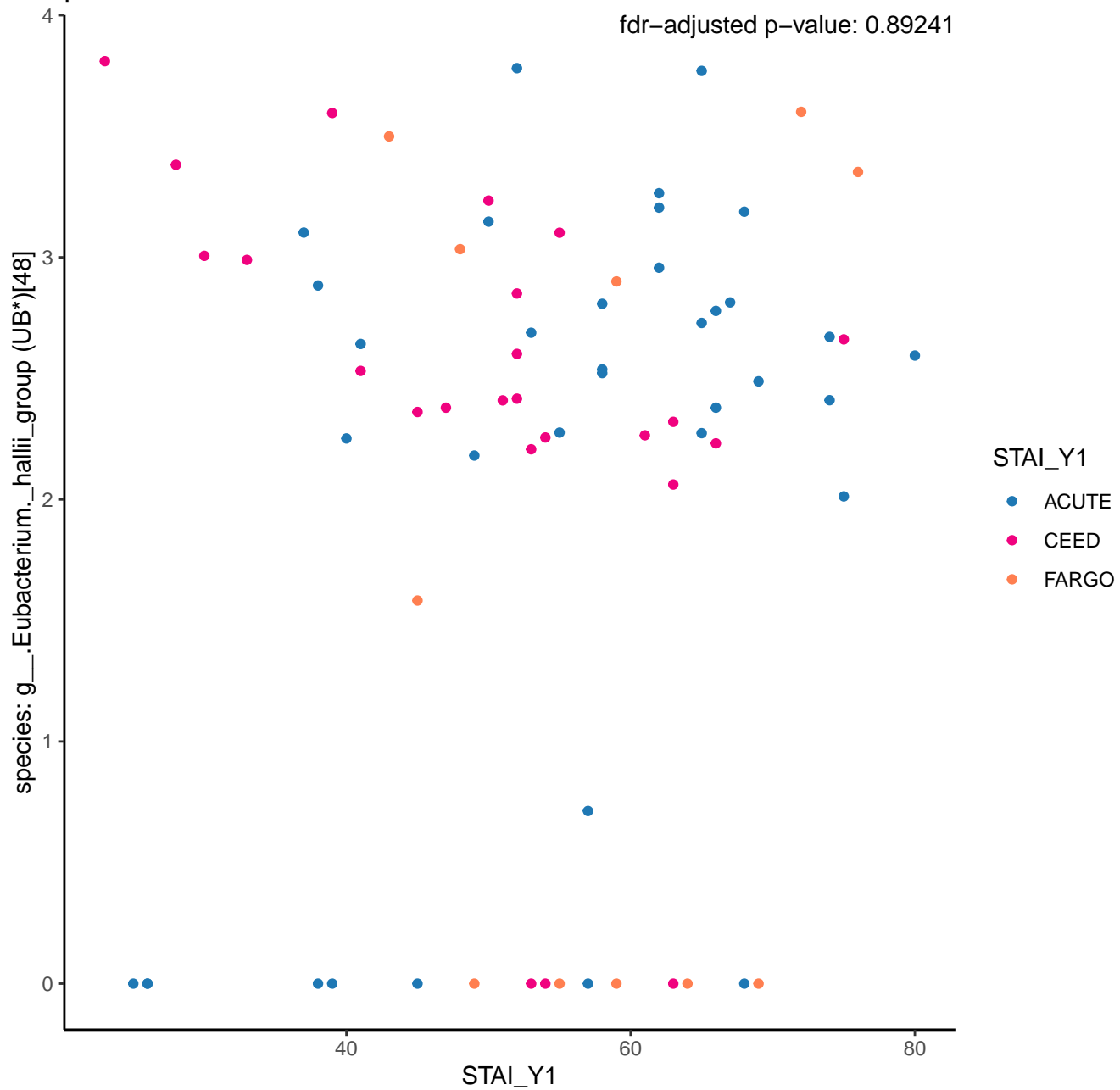
STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.38685

fdr-adjusted p-value: 0.89241



p-value: 0.39472

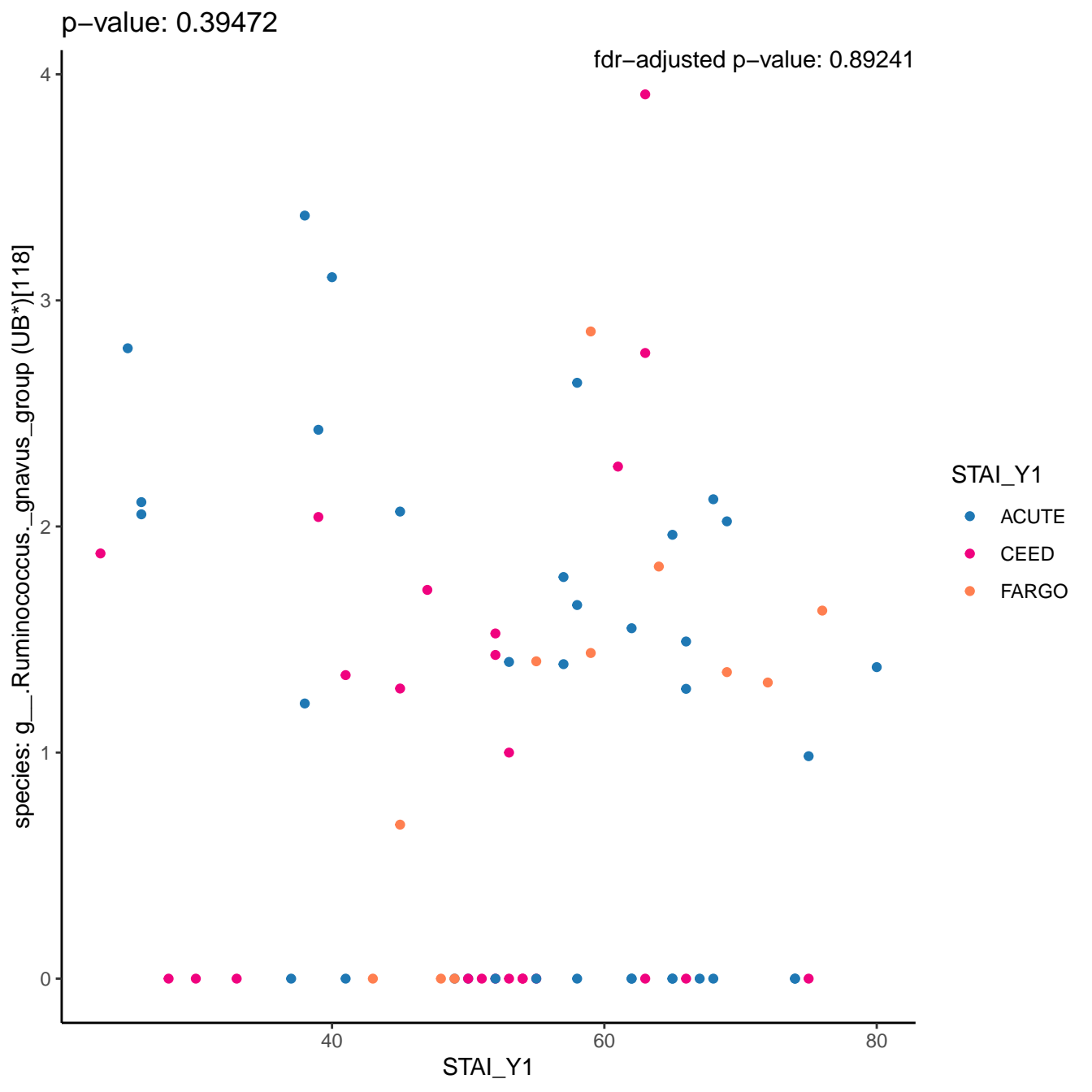
fdr-adjusted p-value: 0.89241

species: g\_\_Ruminococcus\_gnavus\_group (UB\*) [118]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



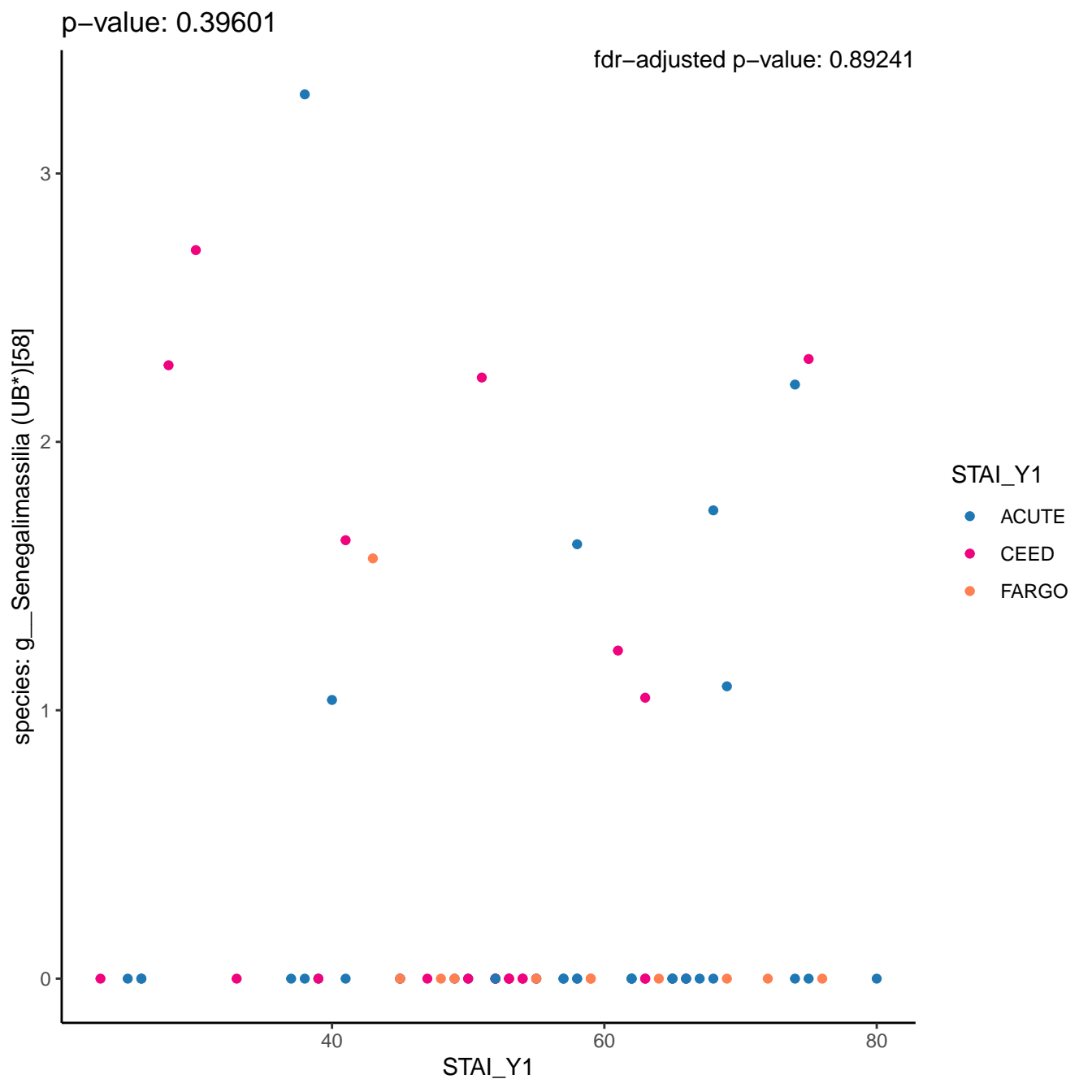
p-value: 0.39601

fdr-adjusted p-value: 0.89241

species: g\_\_Senegalimassilia (UB\*)[58]

STAI\_Y1

- ACUTE
- CEED
- FARGO



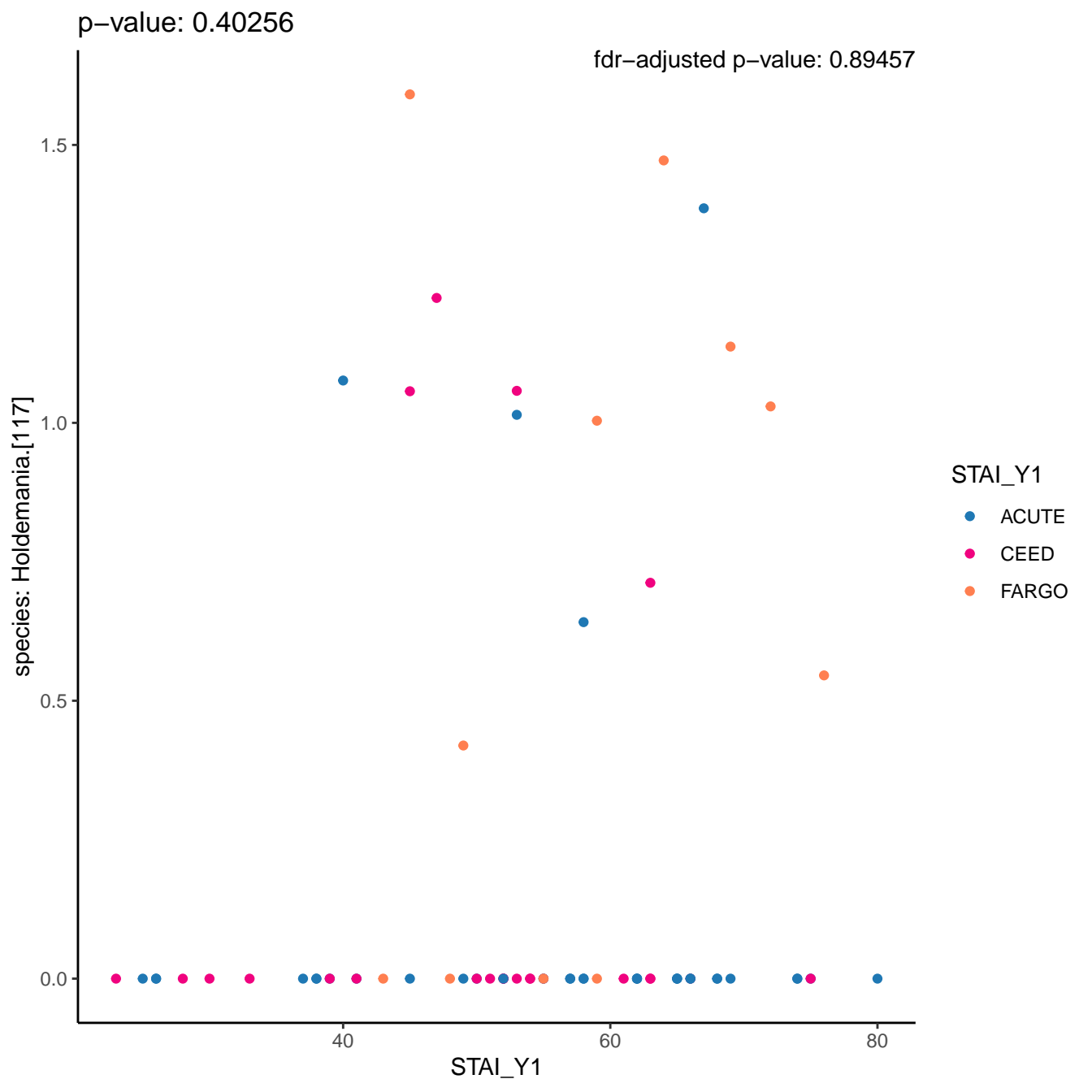
p-value: 0.40256

fdr-adjusted p-value: 0.89457

species: Holdemania.[117]

STAI\_Y1

ACUTE  
CEED  
FARGO





p-value: 0.42009

fdr-adjusted p-value: 0.90124

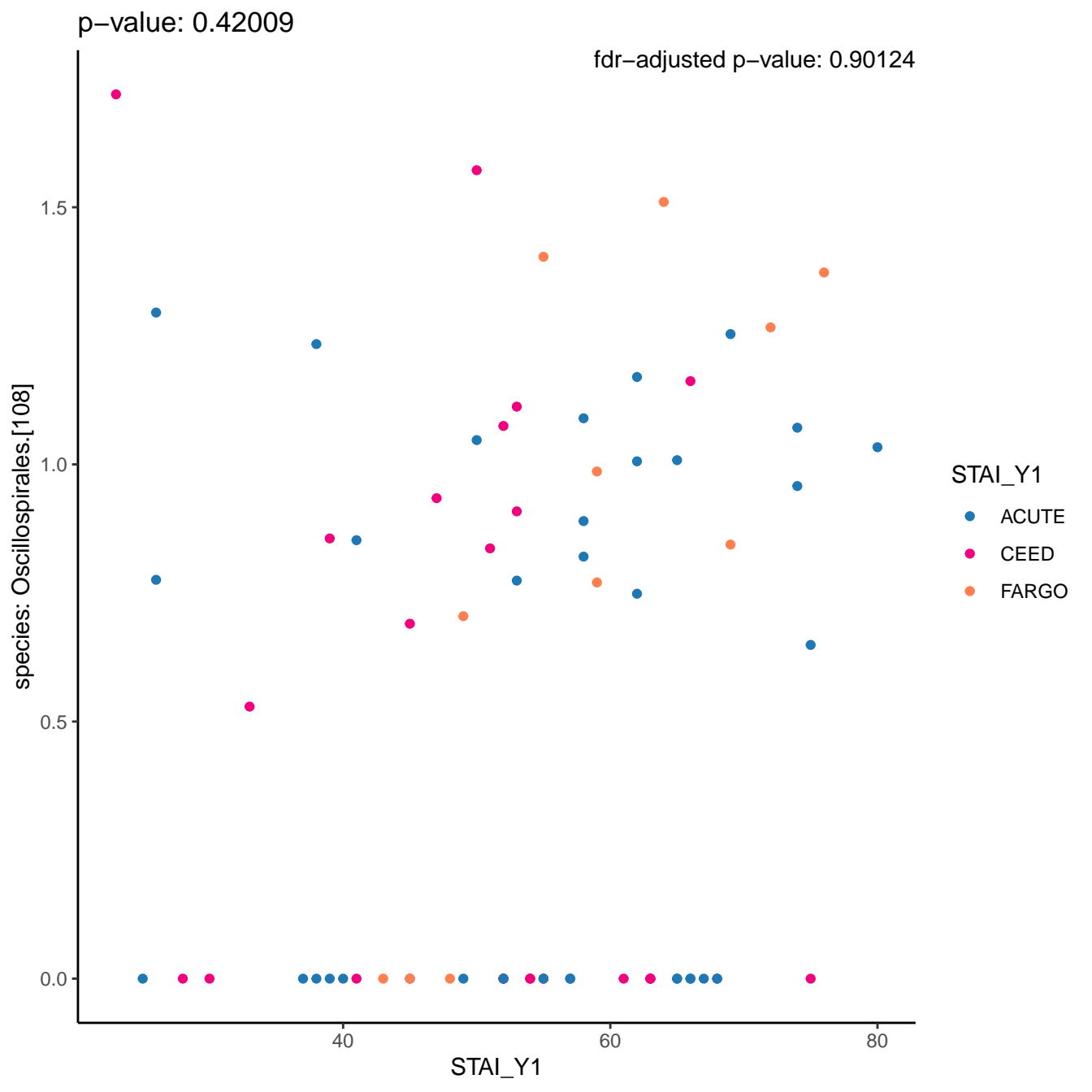
species: Oscillospirales.[108]

STAI\_Y1

ACUTE

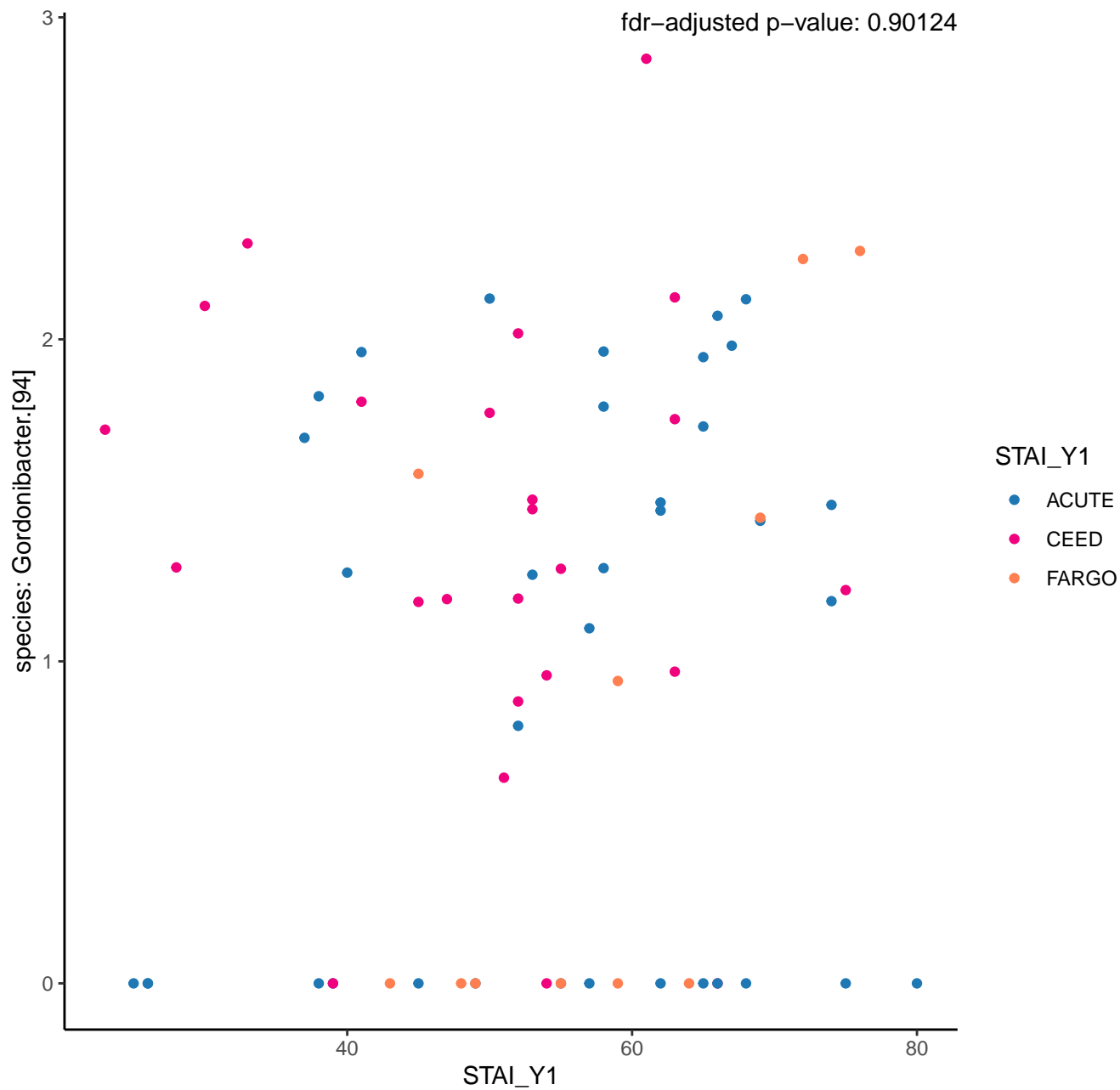
CEED

FARGO



p-value: 0.42901

fdr-adjusted p-value: 0.90124



p-value: 0.42949

fdr-adjusted p-value: 0.90124

species: *Lactococcus lactis*[165]

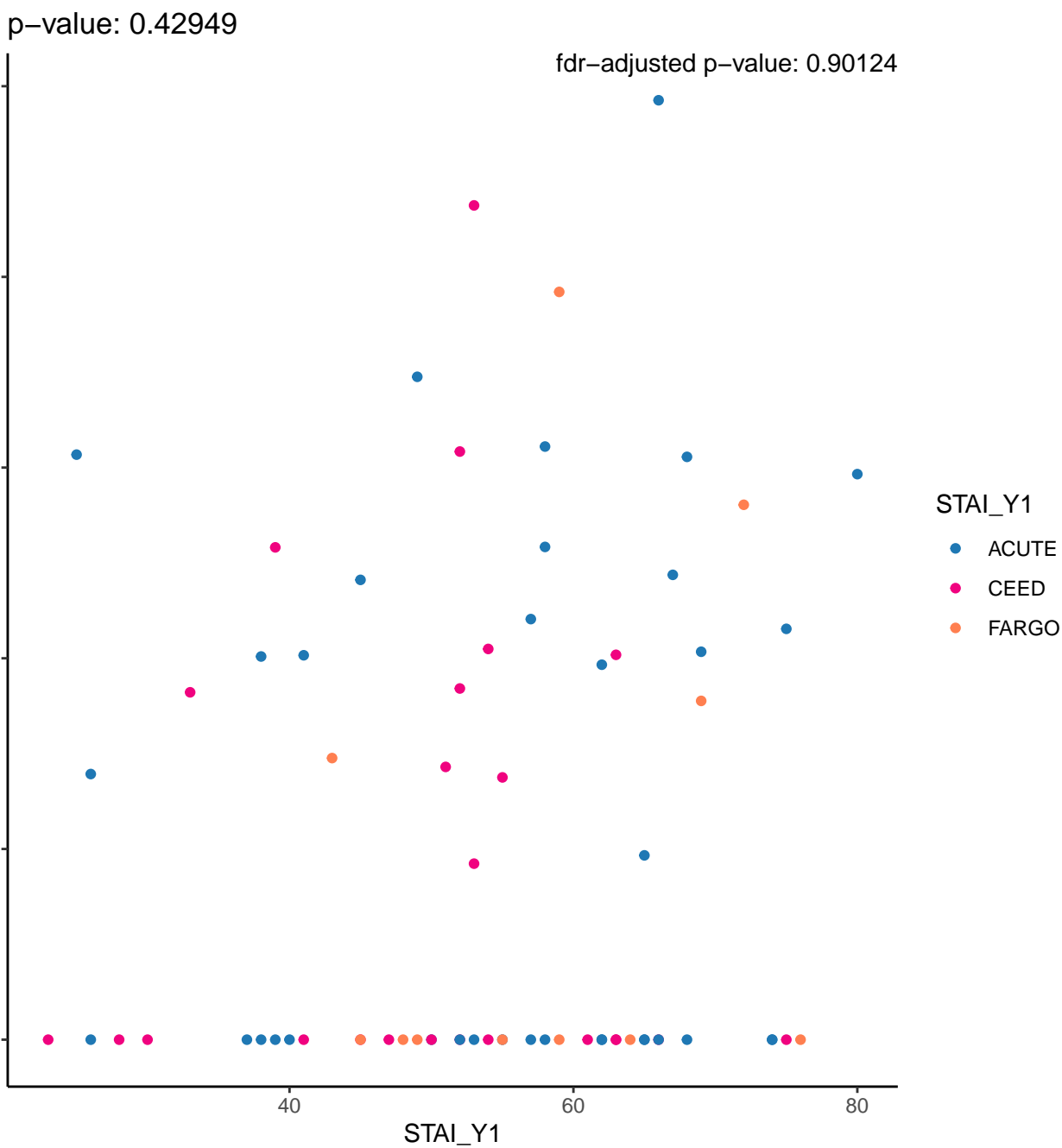
STAI\_Y1

ACUTE

CEED

FARGO

STAI\_Y1



p-value: 0.43358

fdr-adjusted p-value: 0.90124

species: g\_\_Slackia (UB\*)[133]

STAI\_Y1

ACUTE

CEED

FARGO

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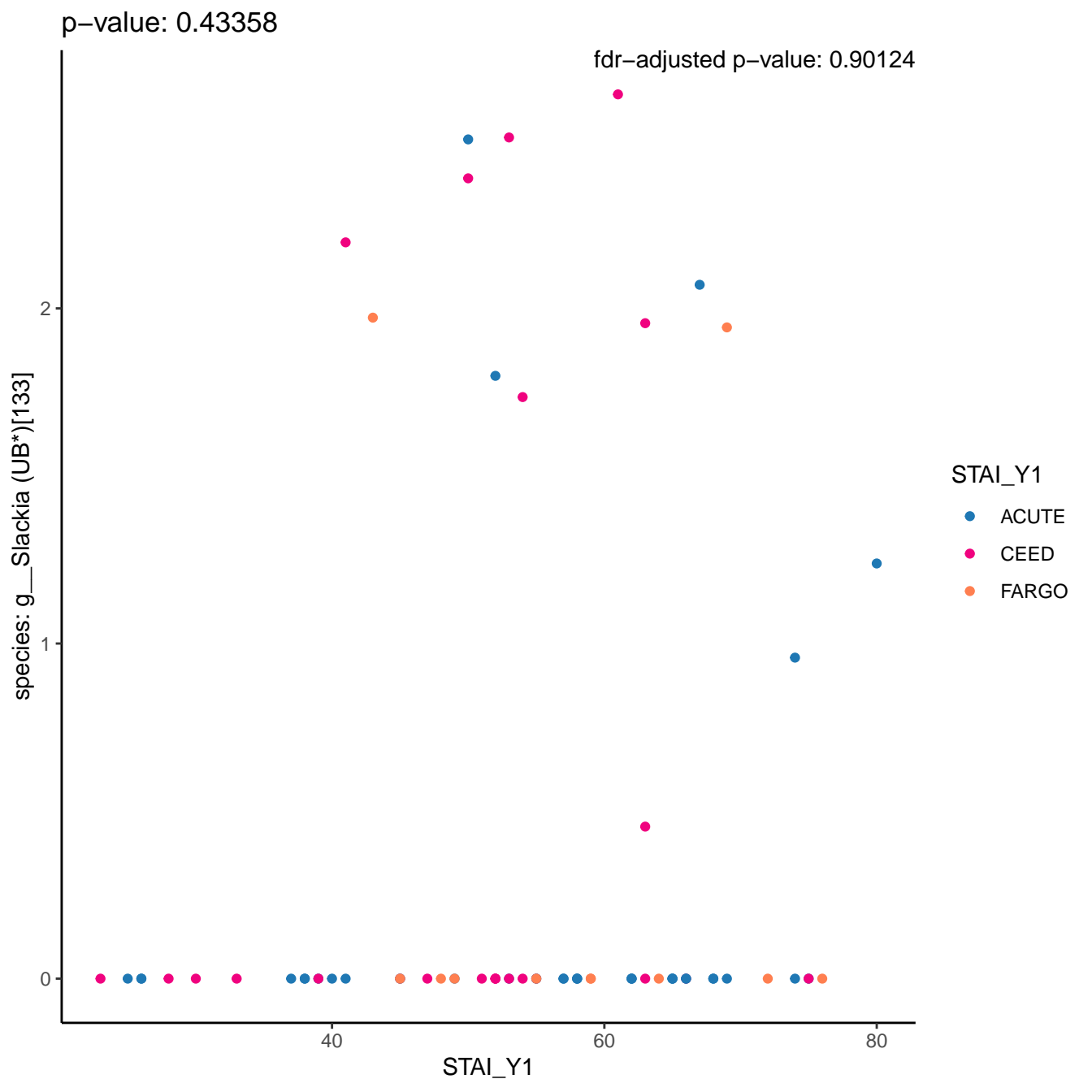
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STAI\_Y1

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p-value: 0.43372

fdr-adjusted p-value: 0.90124

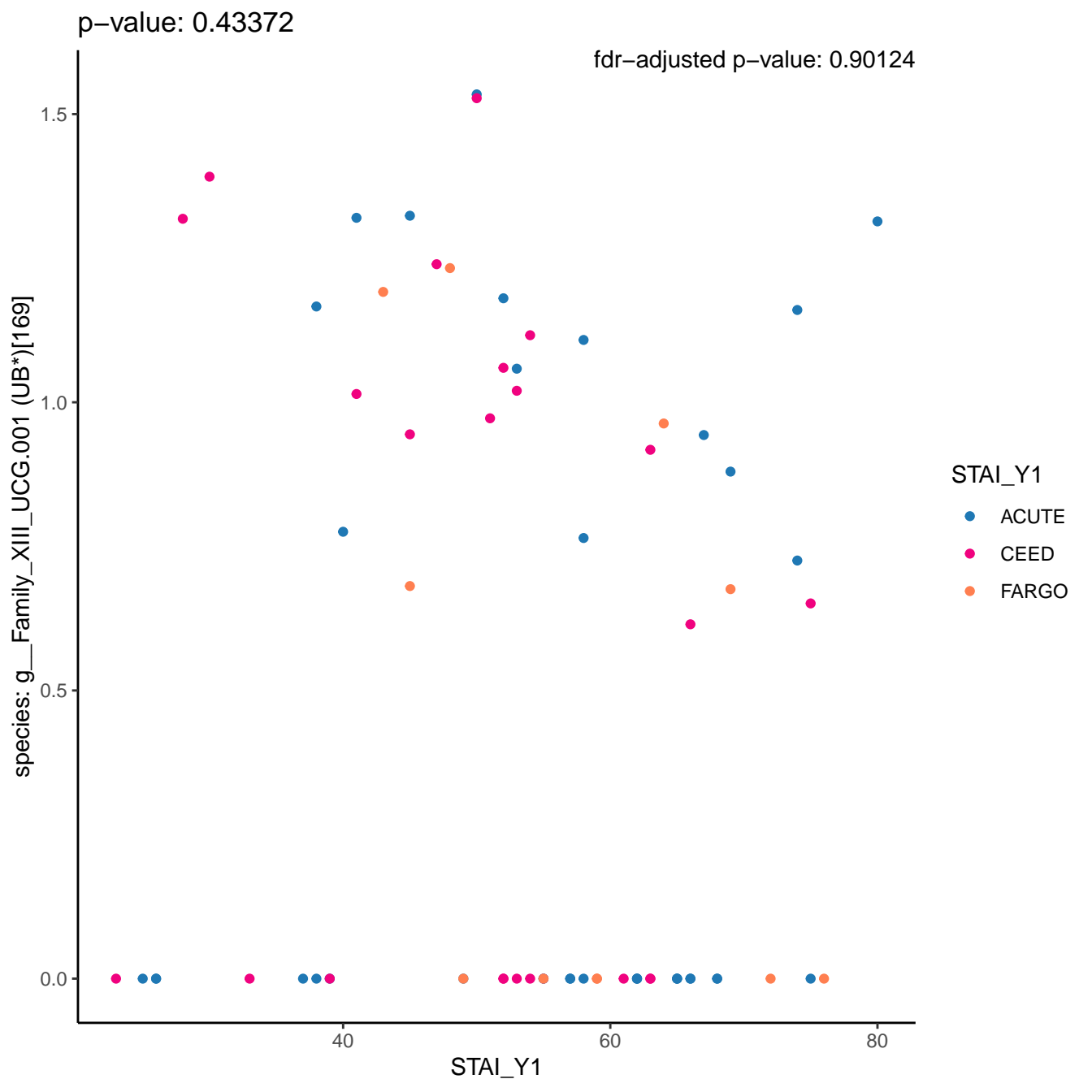
species: g\_\_Family\_XIII\_UCG.001 (UB\*)[169]

STAI\_Y1

ACUTE

CEED

FARGO



p-value: 0.44737

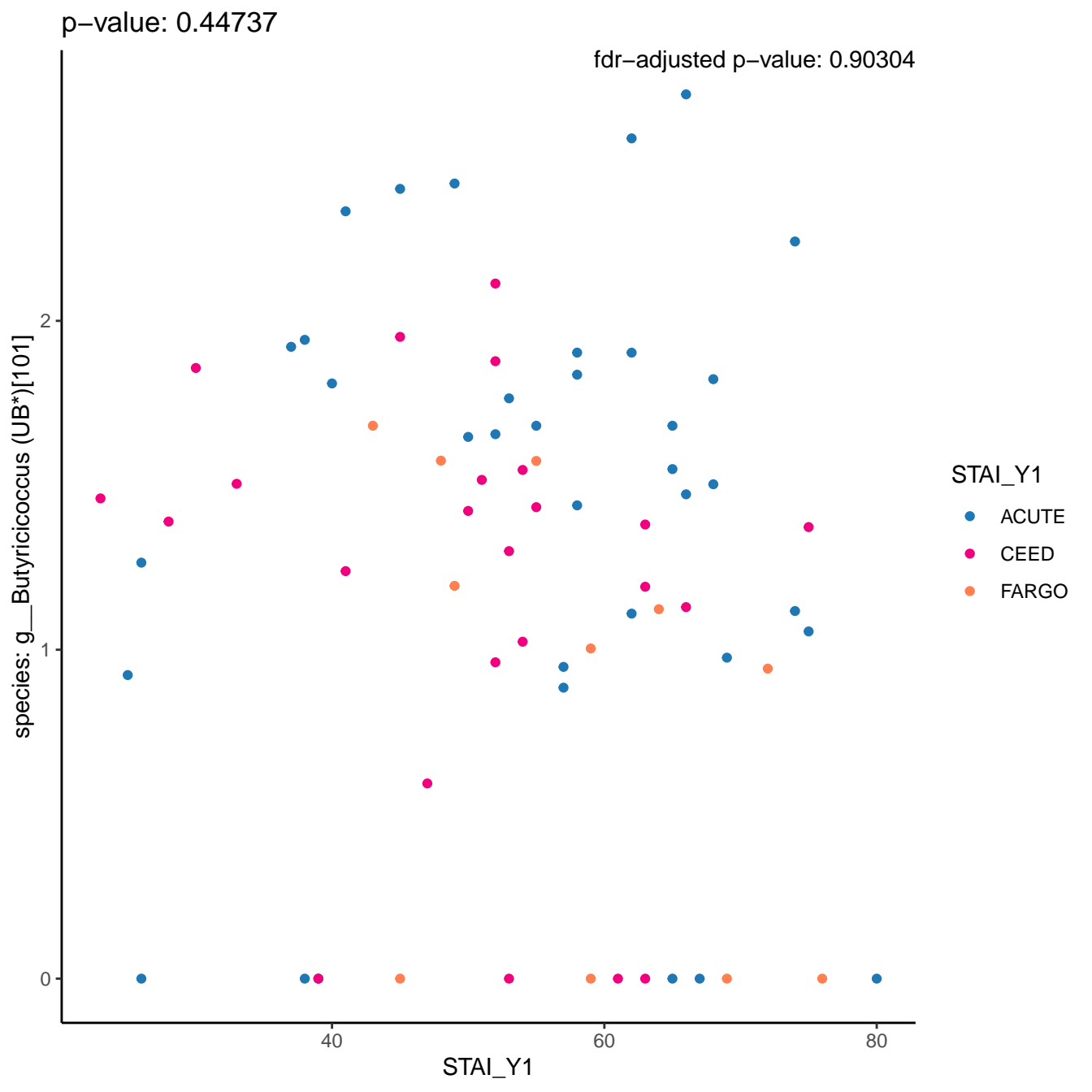
fdr-adjusted p-value: 0.90304

species: g\_\_Butyrivibrio (UB\*)[101]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.45095

fdr-adjusted p-value: 0.90304

species: *Lactobacillus\_helveticus*[142]

STAI\_Y1

- ACUTE
- CEED
- FARGO

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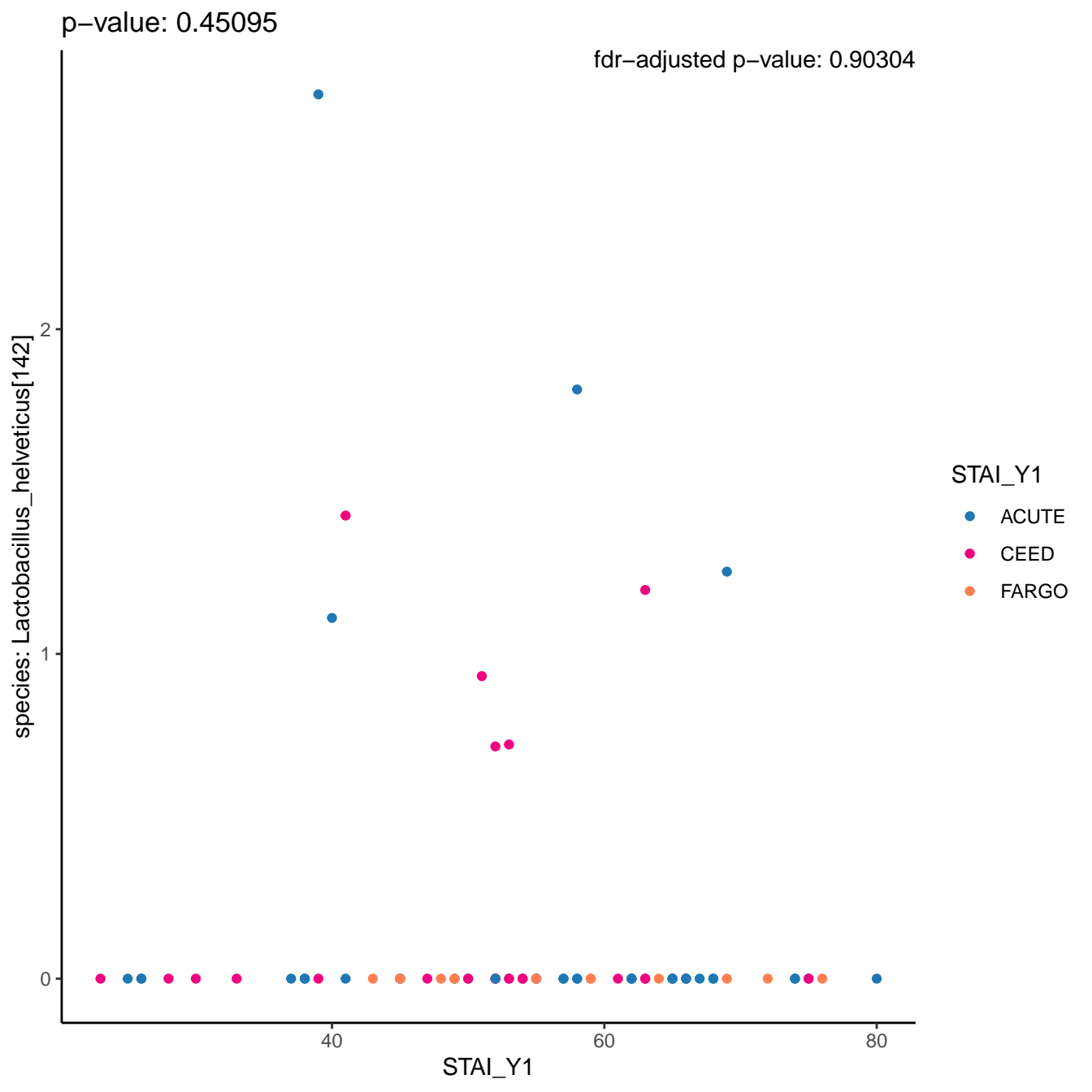
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STAI\_Y1



p-value: 0.45152

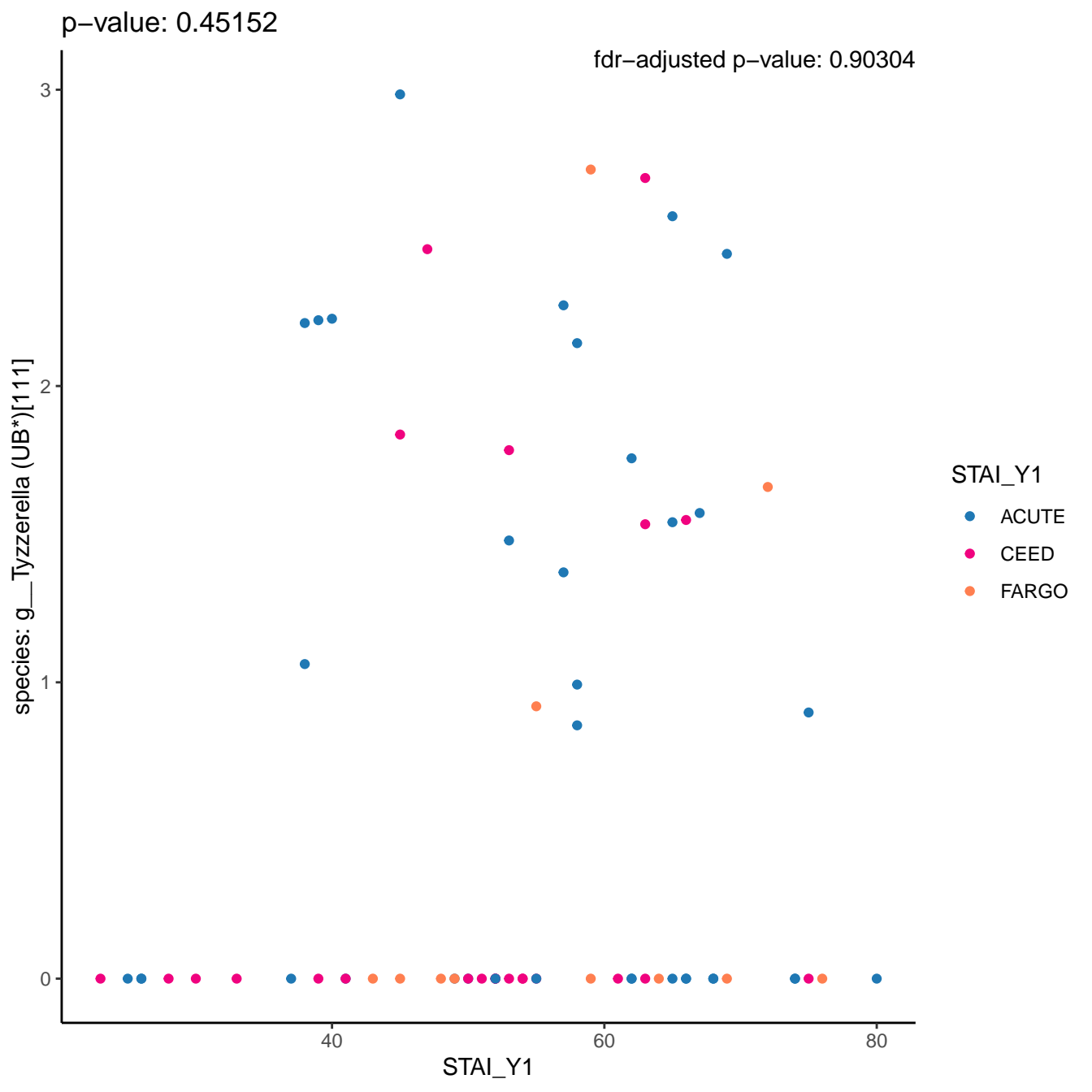
fdr-adjusted p-value: 0.90304

species: g\_\_Tyzzerella (UB\*)[111]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1





p-value: 0.47708

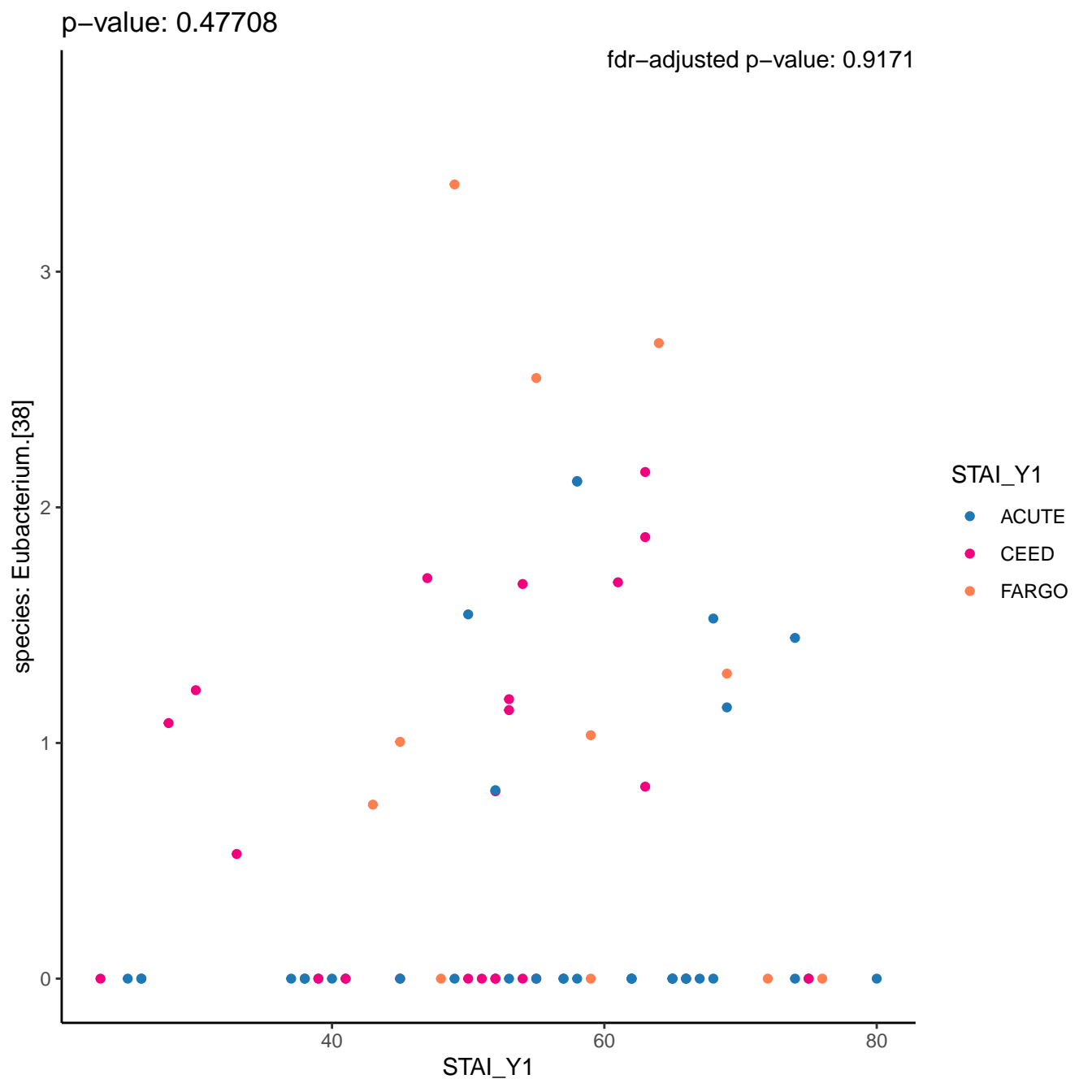
fdr-adjusted p-value: 0.9171

species: Eubacterium.[38]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.48199

fdr-adjusted p-value: 0.9171

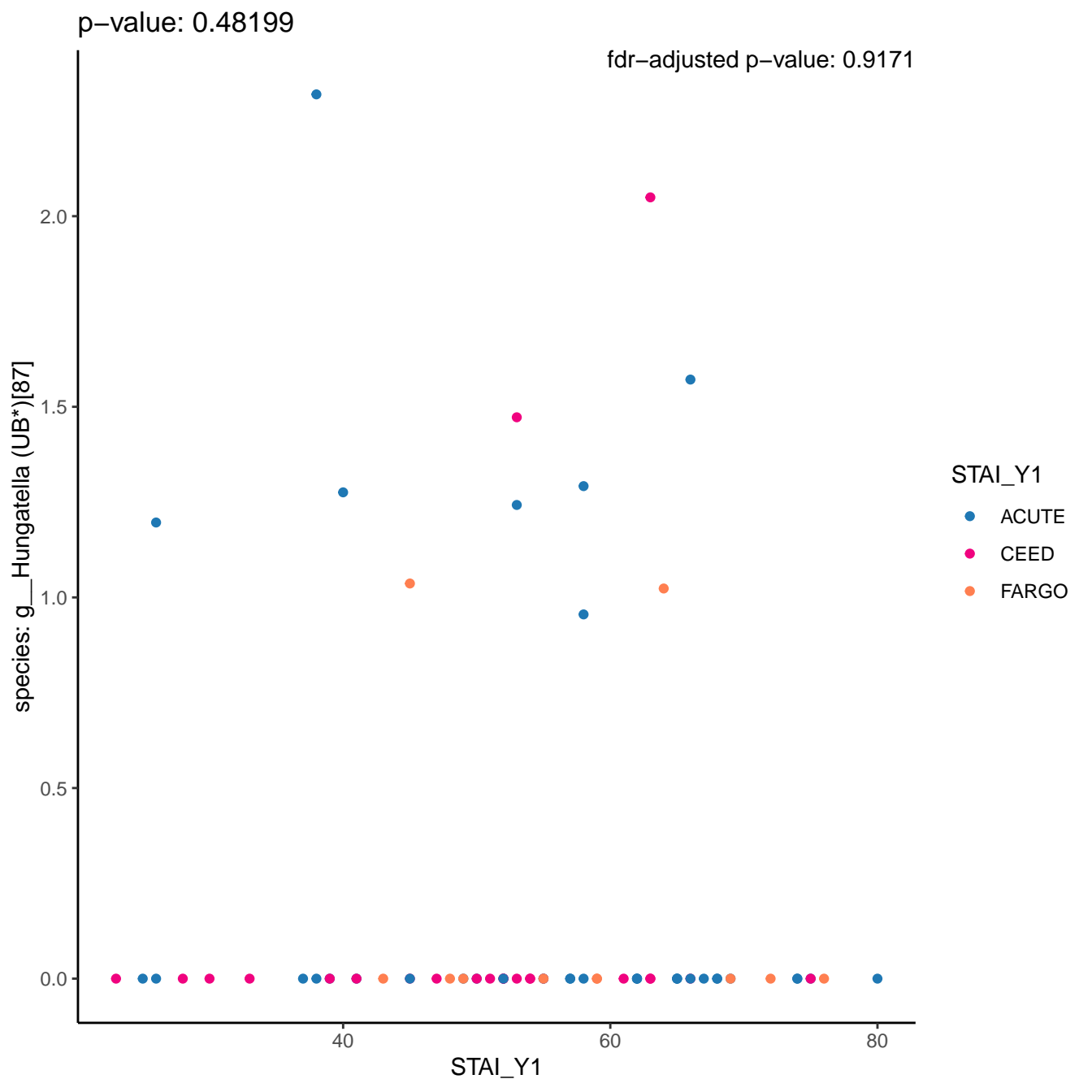
species: g\_\_Hungatella (UB\*)[87]

STAI\_Y1

ACUTE

CEED

FARGO



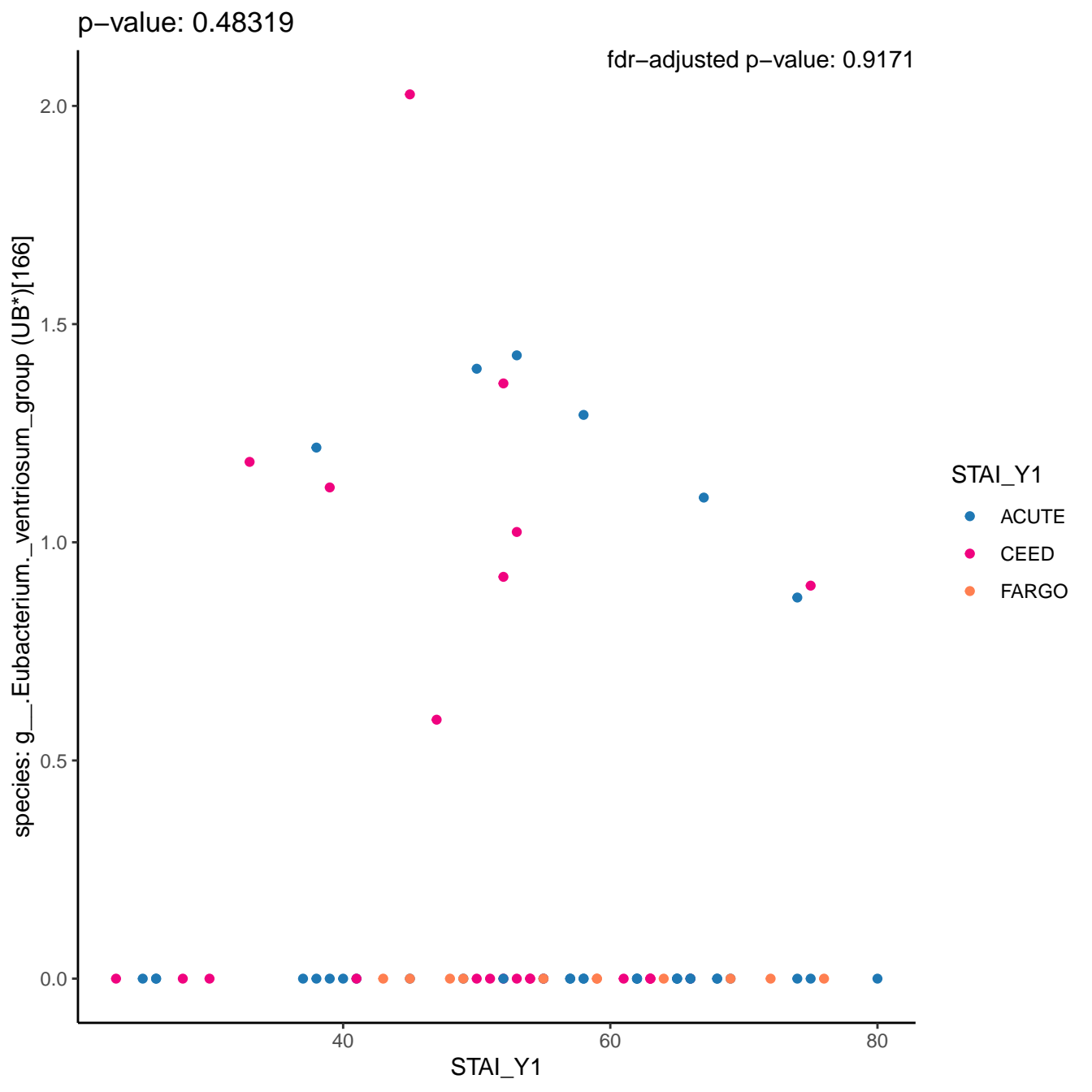
p-value: 0.48319

fdr-adjusted p-value: 0.9171

species: g\_\_Eubacterium.\_ventriosum\_group (UB\*)[166]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.49204

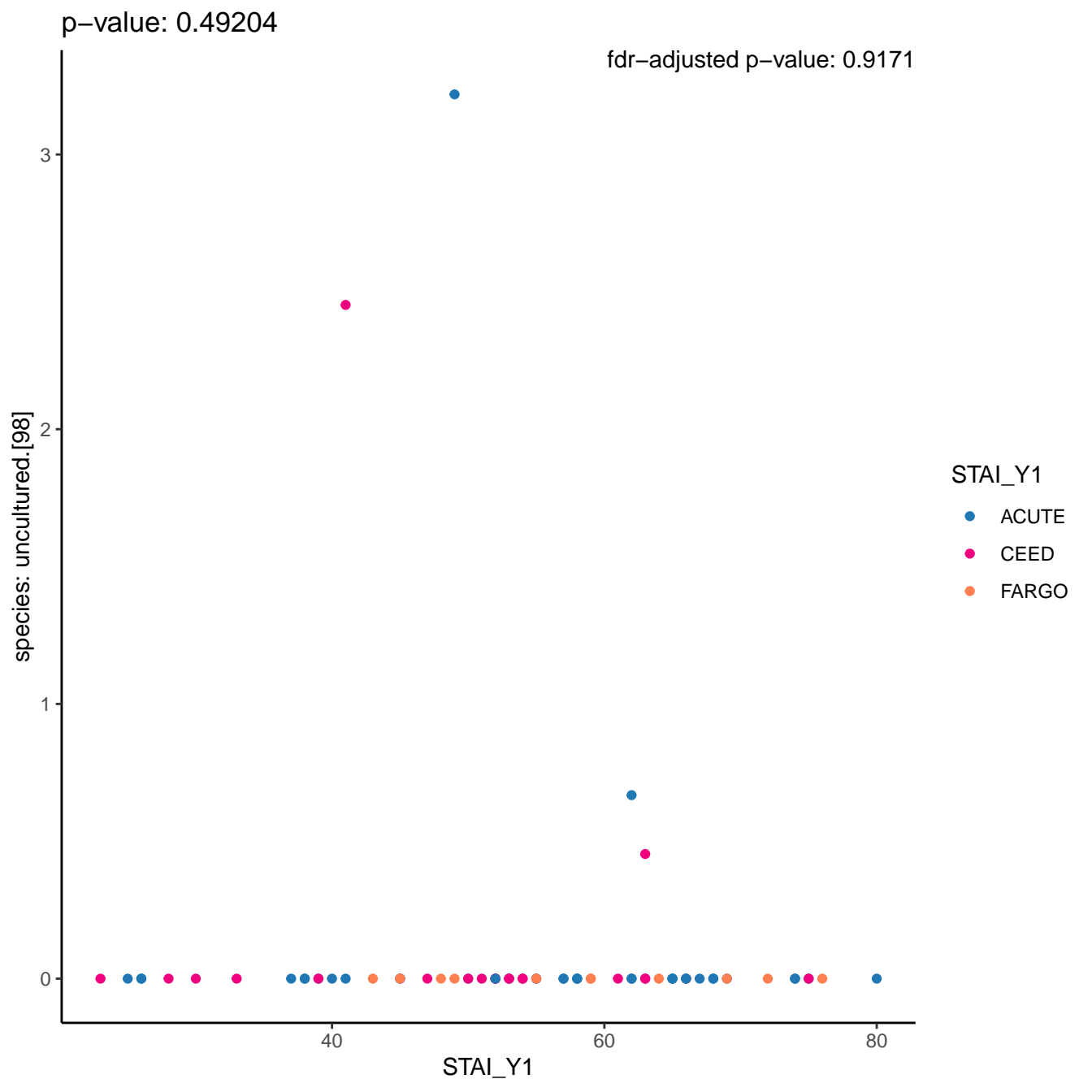
fdr-adjusted p-value: 0.9171

species: uncultured.[98]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.49262

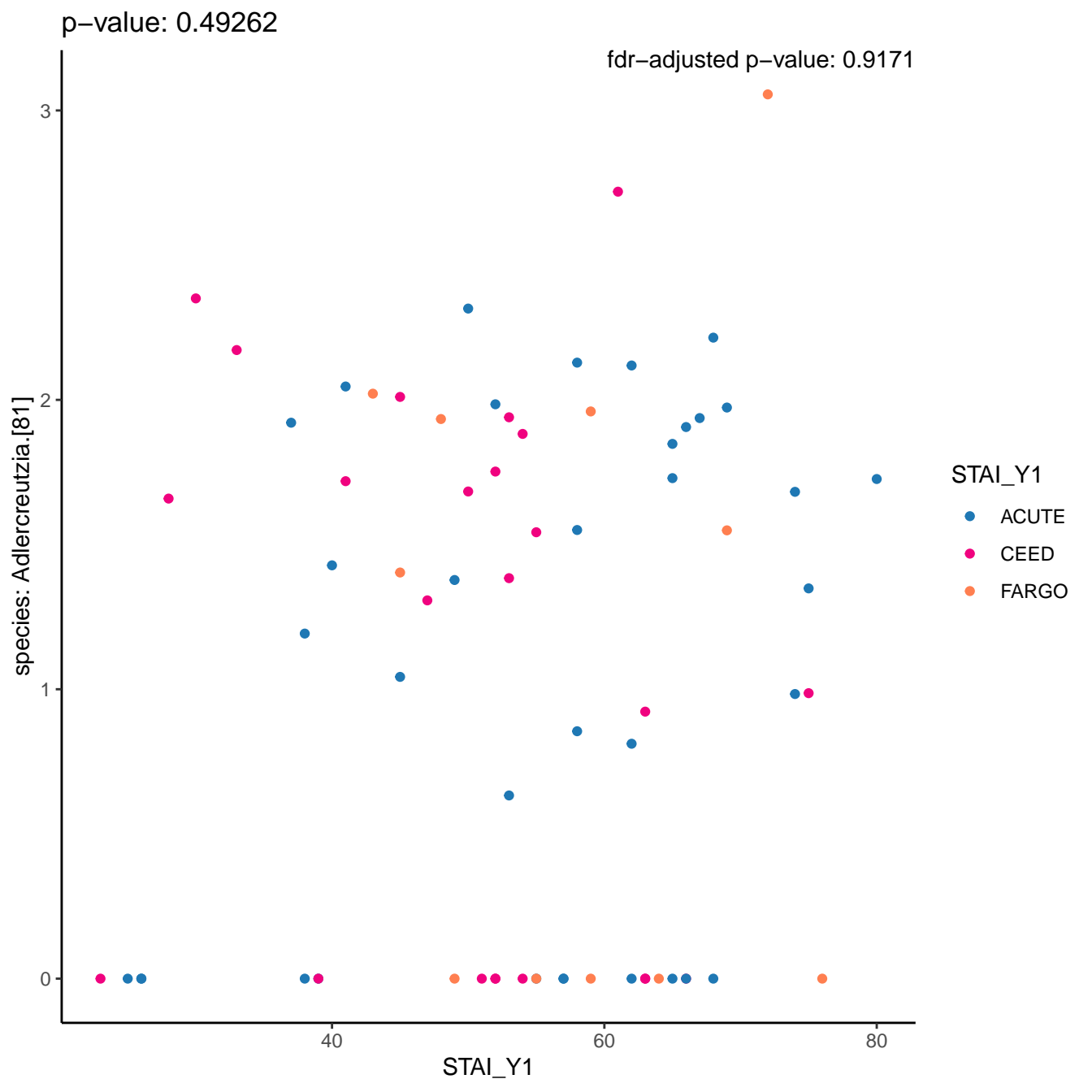
fdr-adjusted p-value: 0.9171

species: Adlercreutzia.[81]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



p-value: 0.49955

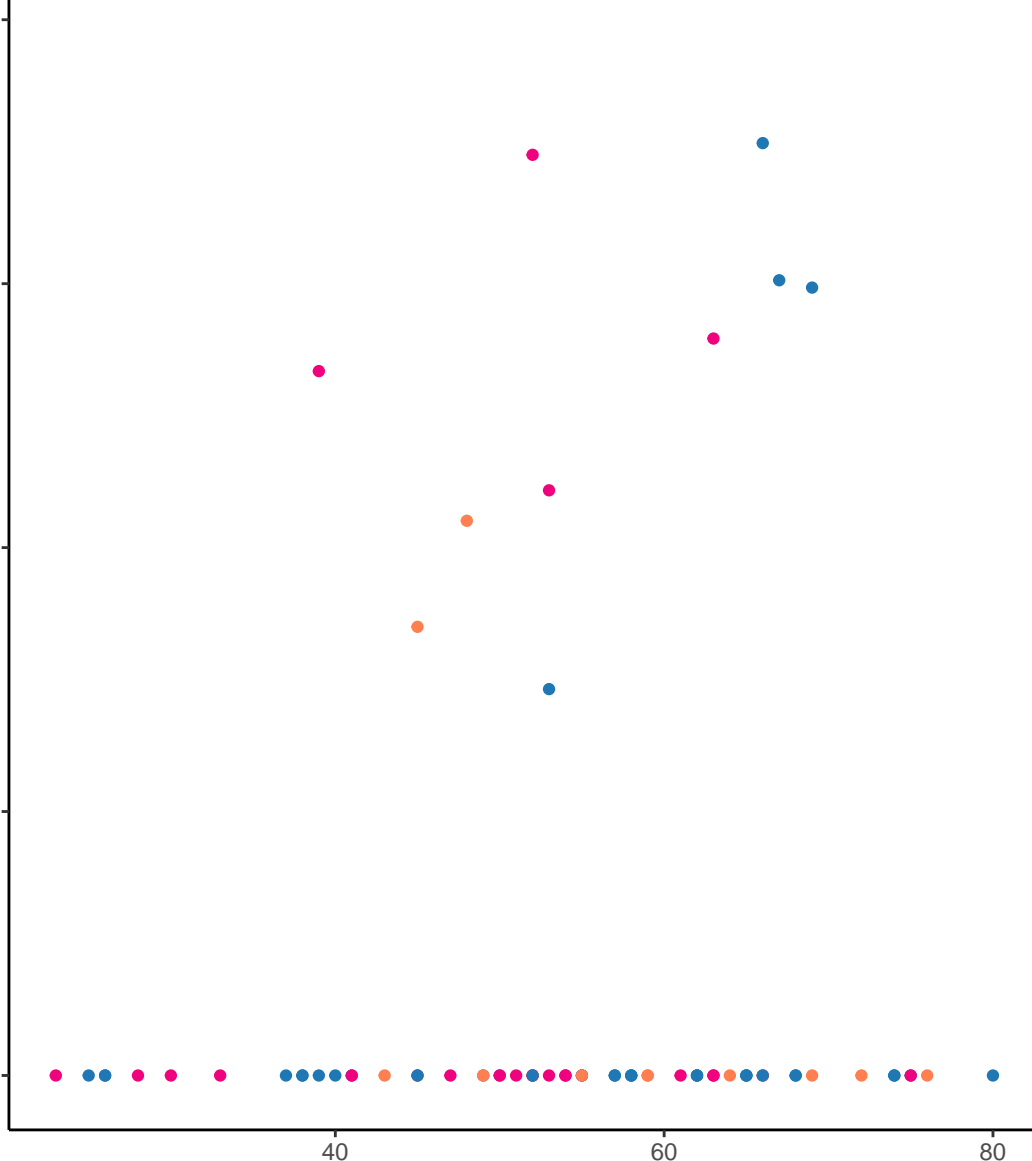
fdr-adjusted p-value: 0.9171

species: g\_\_Shuttleworthia (UB\*)[6]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.50676

fdr-adjusted p-value: 0.9171



STAI\_Y1

- ACUTE

- CEED

- FARGO

STAI\_Y1

60

80

p-value: 0.5099

fdr-adjusted p-value: 0.9171

species: g\_\_Megasphaera (UB\*)[21]

STAI\_Y1

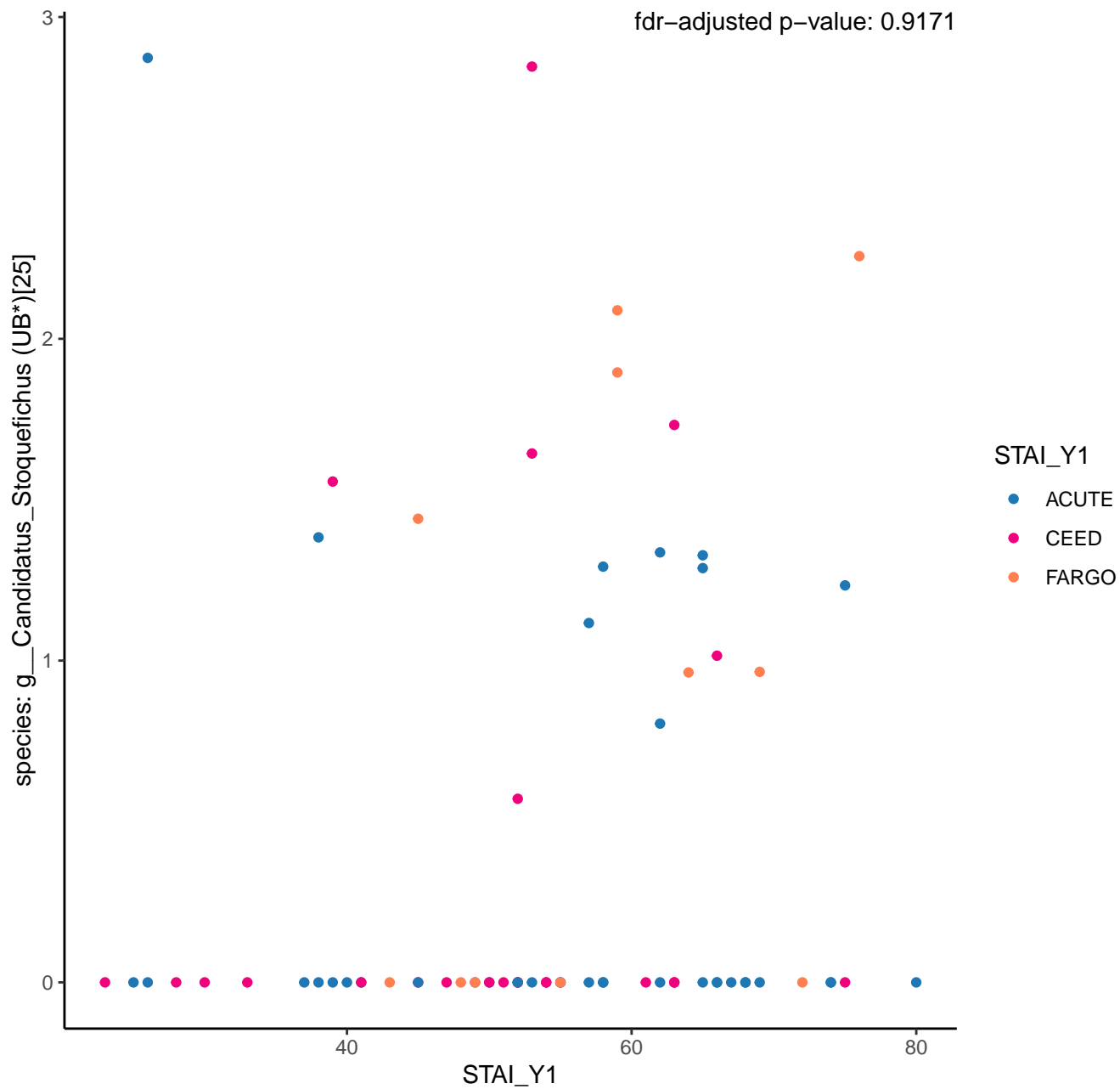
- ACUTE
- CEED
- FARGO





p-value: 0.51014

fdr-adjusted p-value: 0.9171



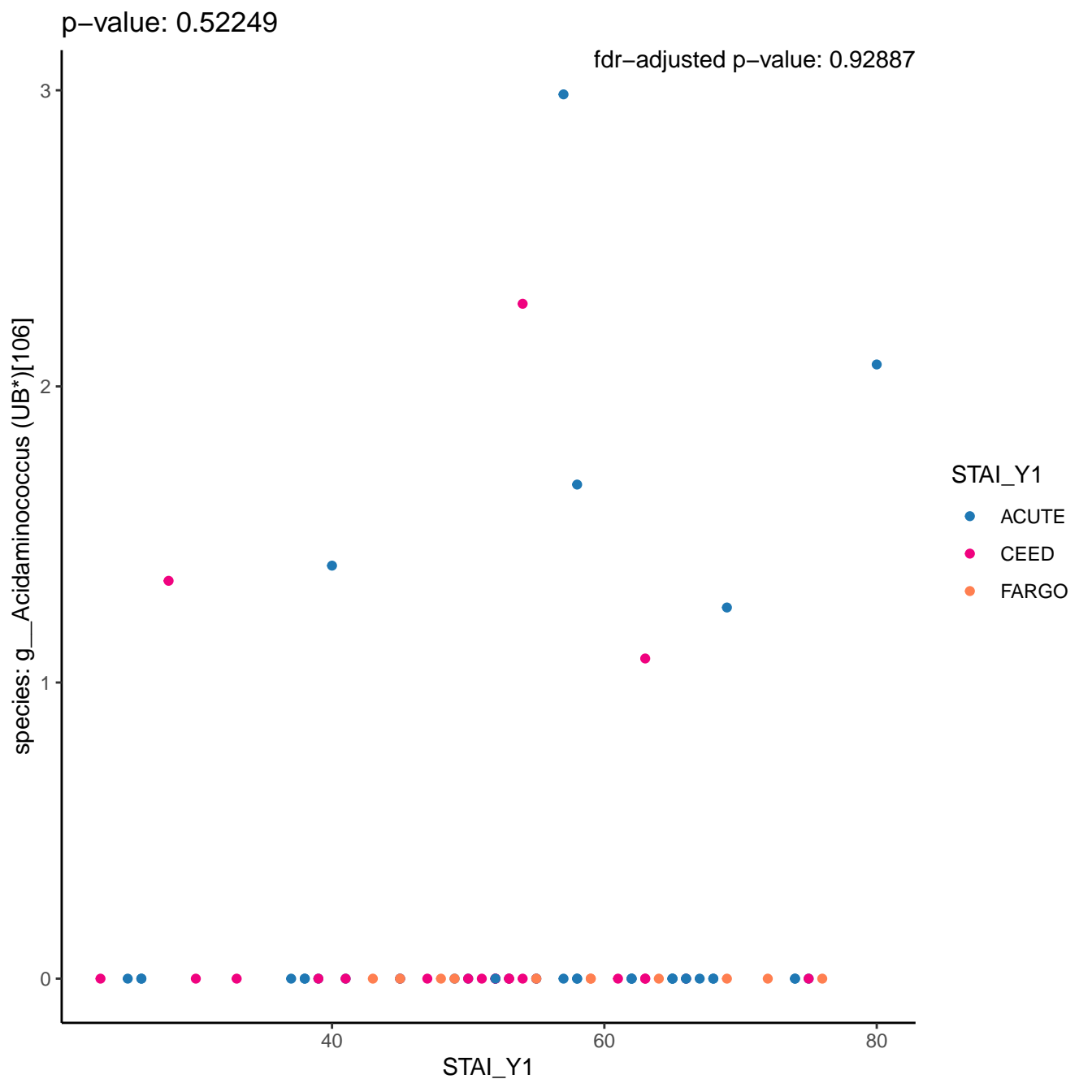
p-value: 0.52249

fdr-adjusted p-value: 0.92887

species: g\_\_Acidaminococcus (UB\*)[106]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.54931

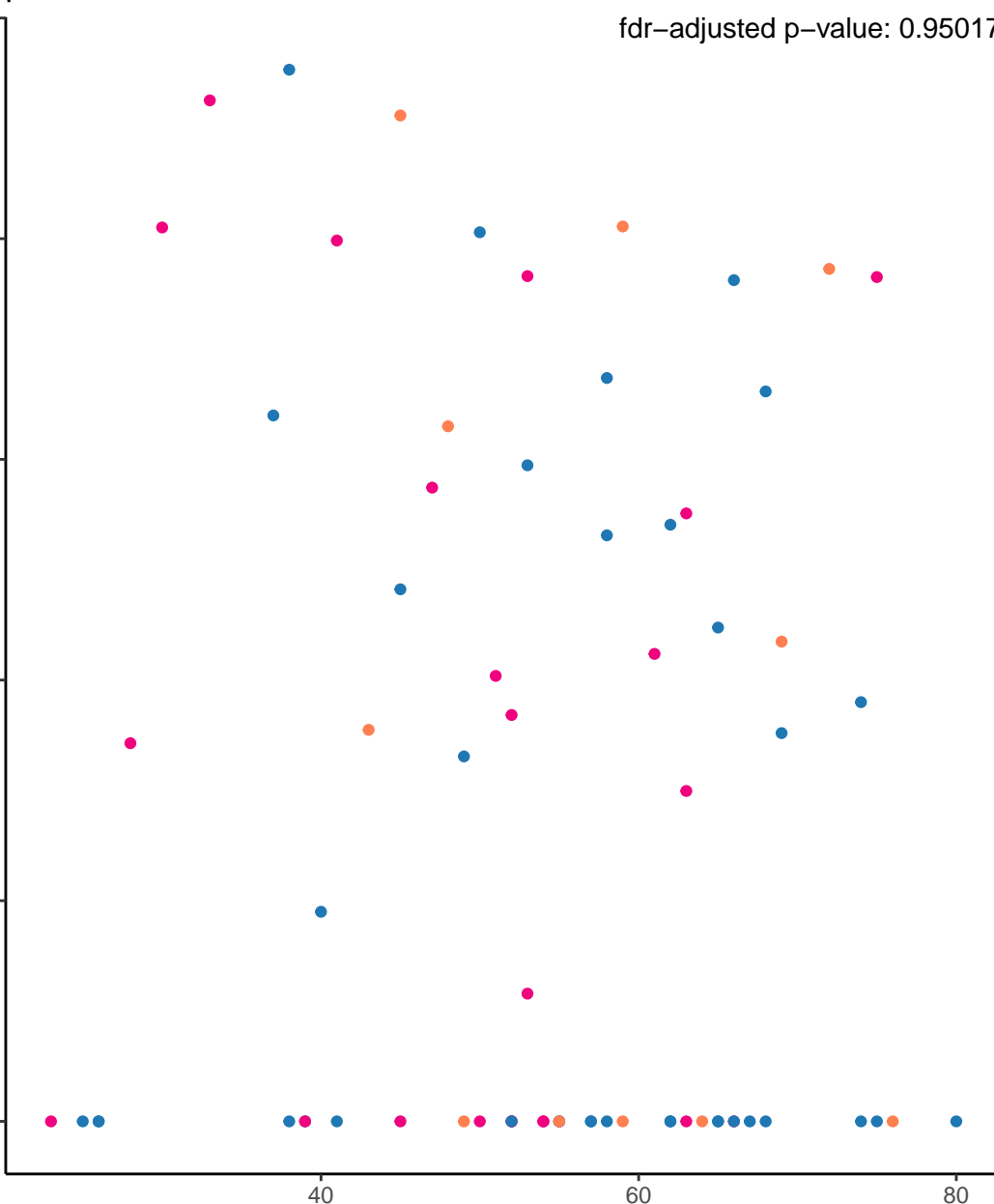
fdr-adjusted p-value: 0.95017

species: g\_\_uncultured (UB\*)[159]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.55146

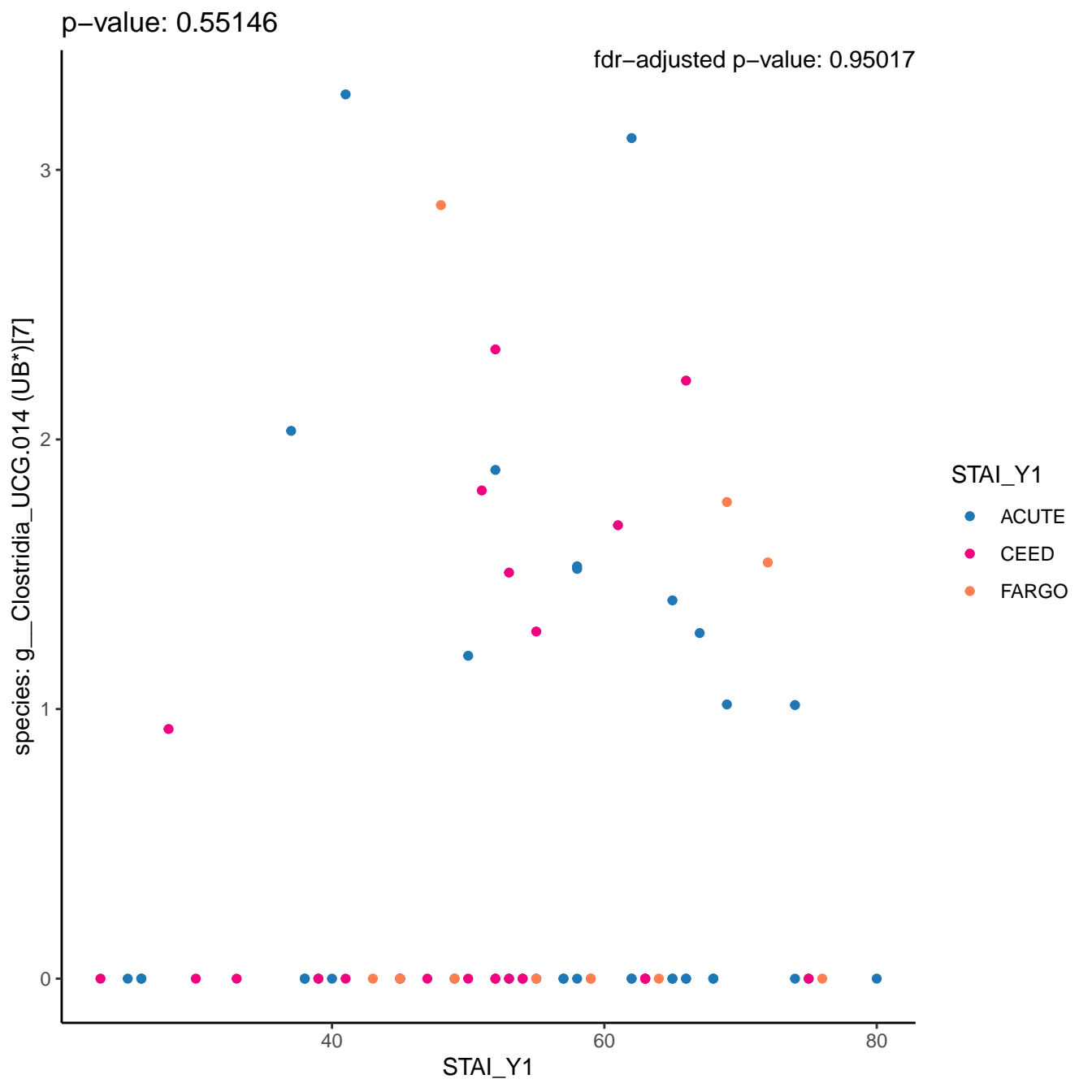
fdr-adjusted p-value: 0.95017

species: g\_\_Clostridia\_UCG.014 (UB\*)[7]

STAI\_Y1

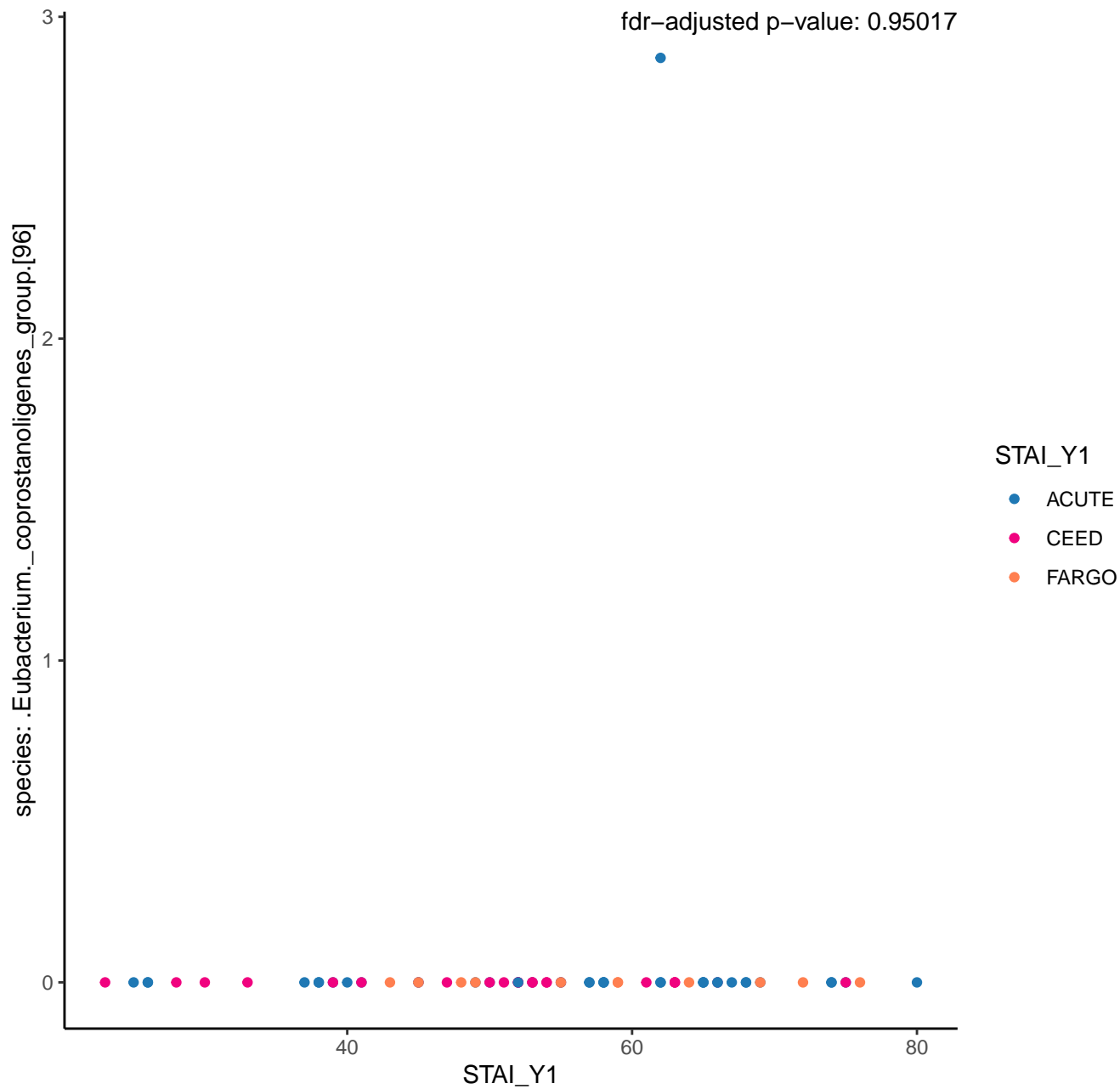
- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.558

fdr-adjusted p-value: 0.95017



p-value: 0.55941

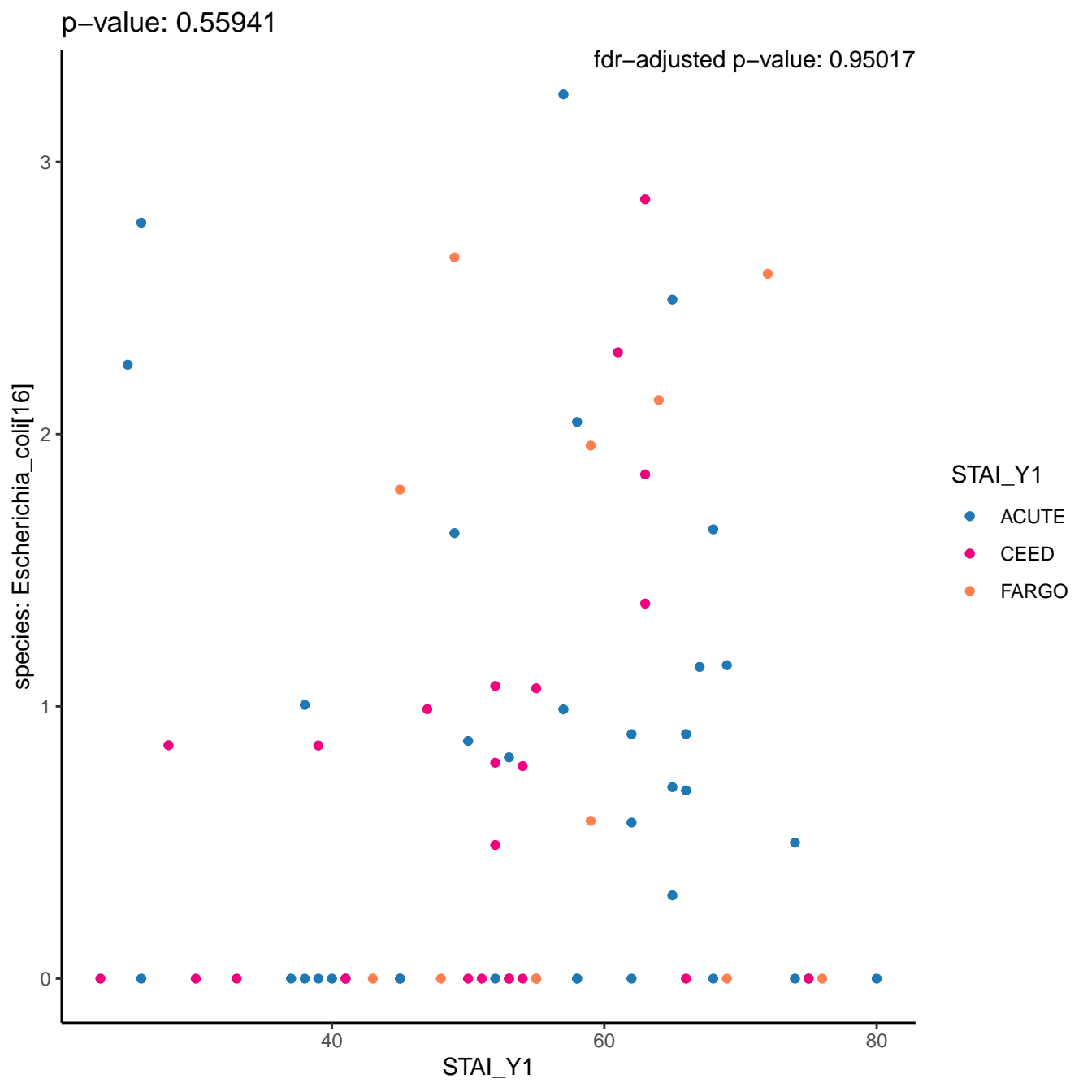
fdr-adjusted p-value: 0.95017

species: *Escherichia\_coli*[16]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



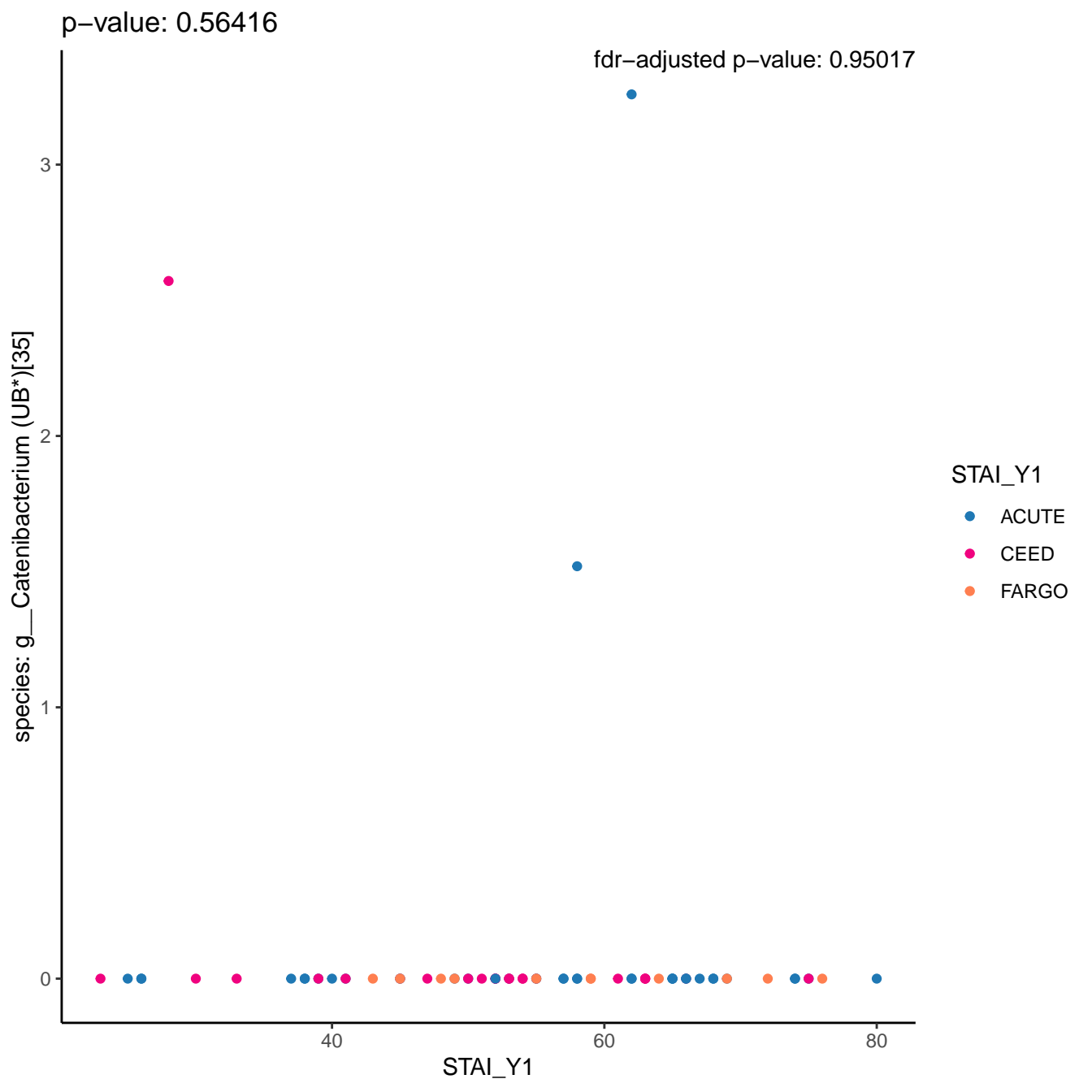
p-value: 0.56416

fdr-adjusted p-value: 0.95017

species: g\_\_Catenibacterium (UB\*)[35]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.57328

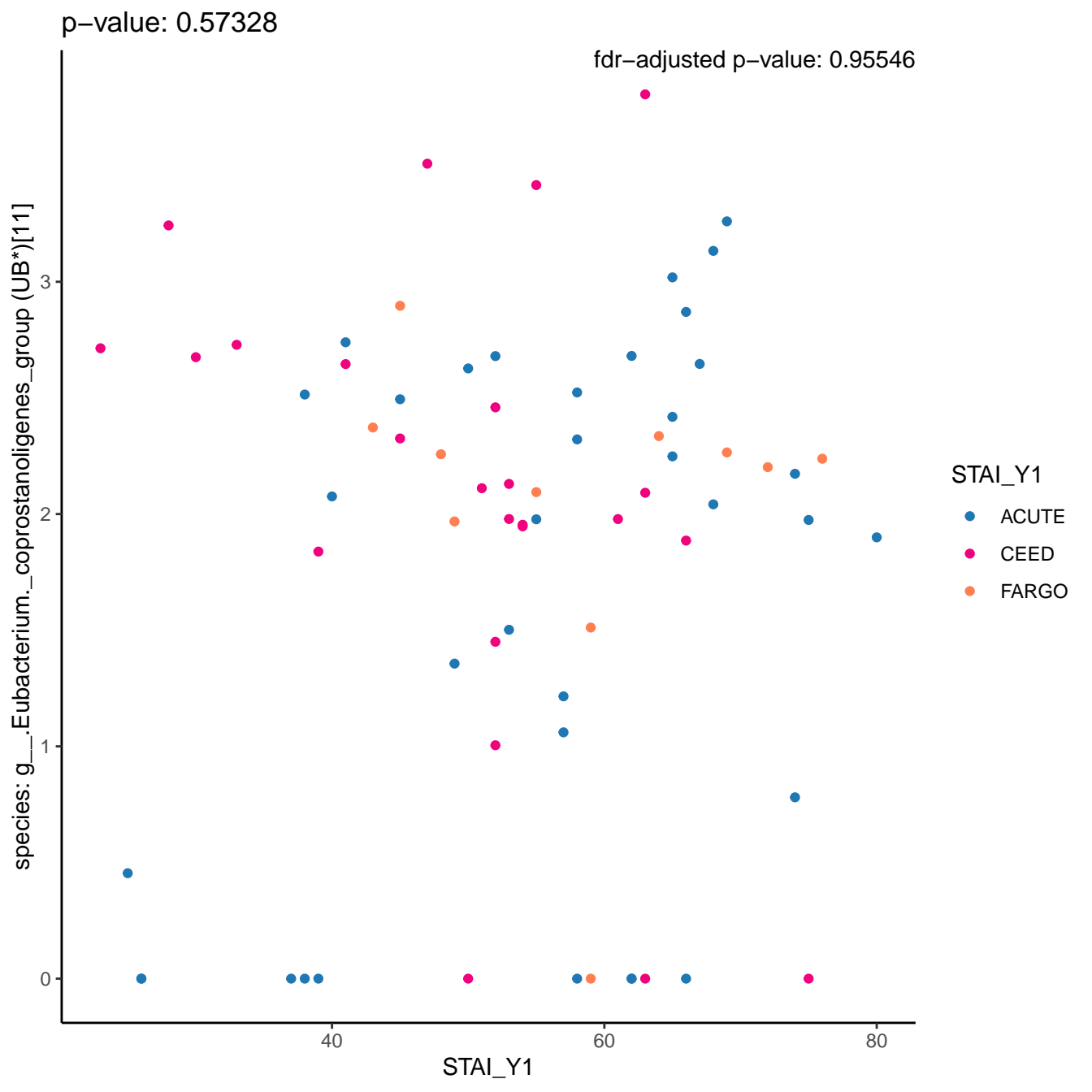
fdr-adjusted p-value: 0.95546

species: g\_\_Eubacterium\_coprostanoligenes\_group (UB\*)[11]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1





p-value: 0.58787

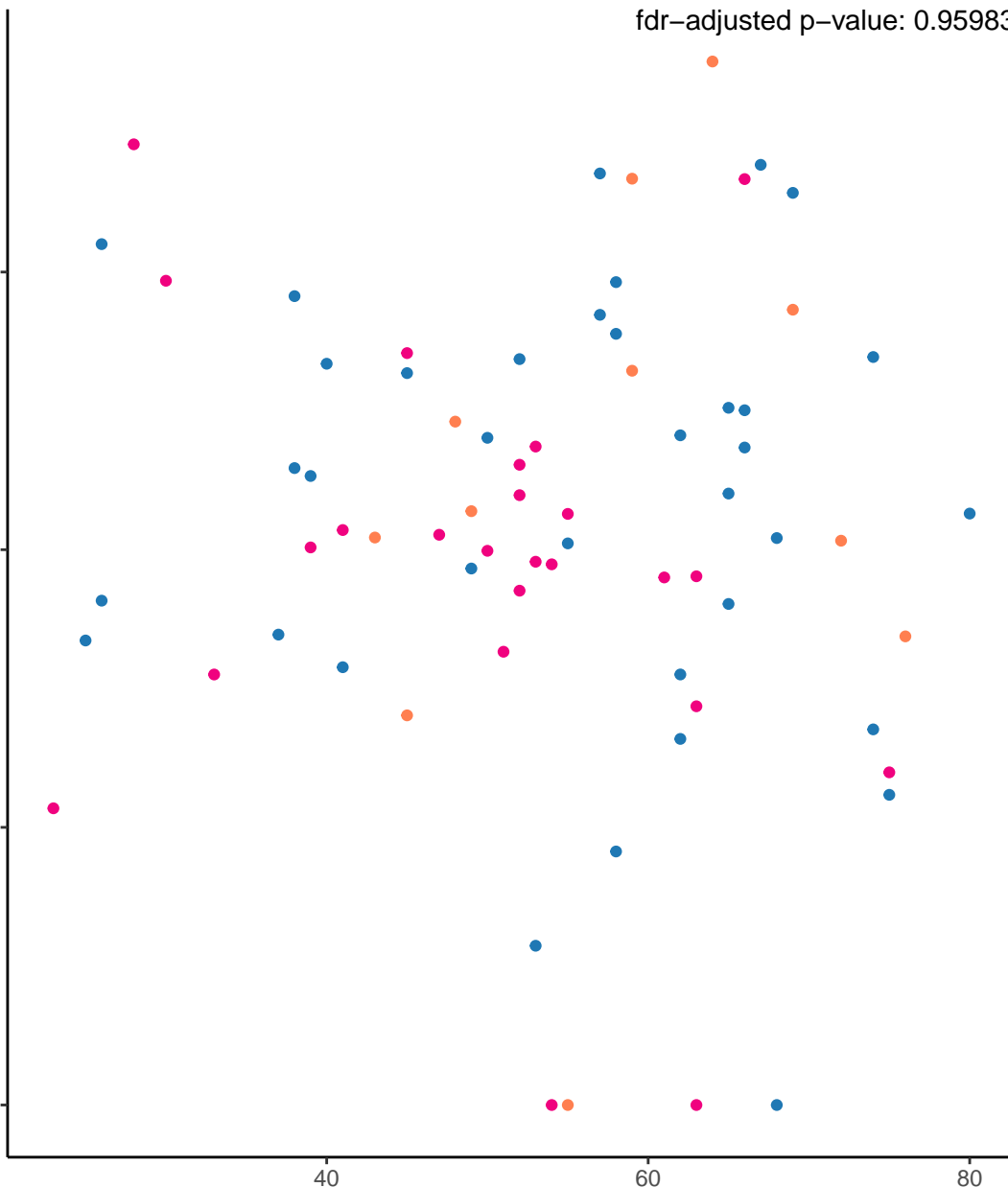
fdr-adjusted p-value: 0.95983

species: *Streptococcus salivarius*[4]

STAI\_Y1

ACUTE  
CEED  
FARGO

STAI\_Y1



p-value: 0.58997

fdr-adjusted p-value: 0.95983

species: Faecalibacterium.[14]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.59985

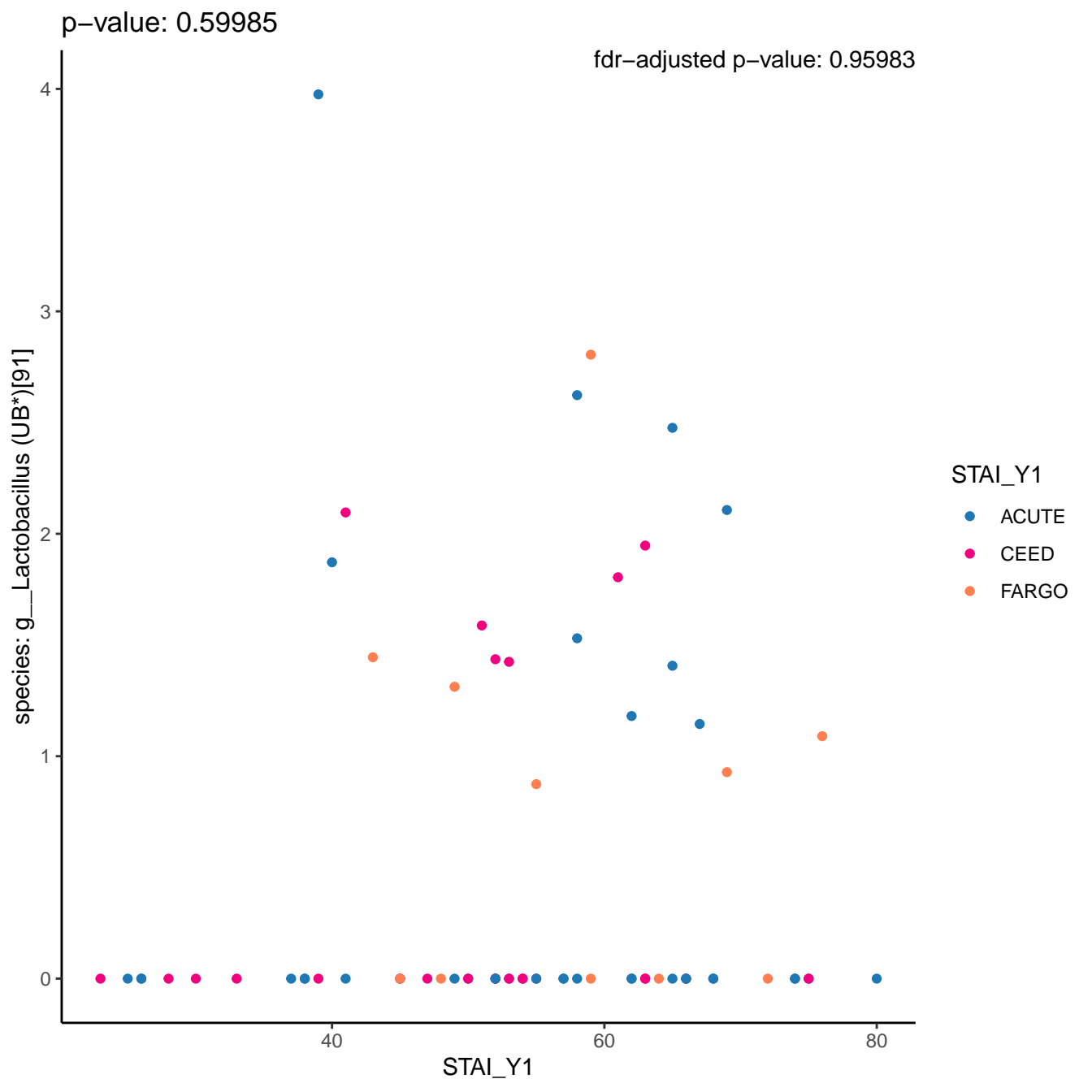
fdr-adjusted p-value: 0.95983

species: g\_\_Lactobacillus (UB\*) [91]

STAI\_Y1

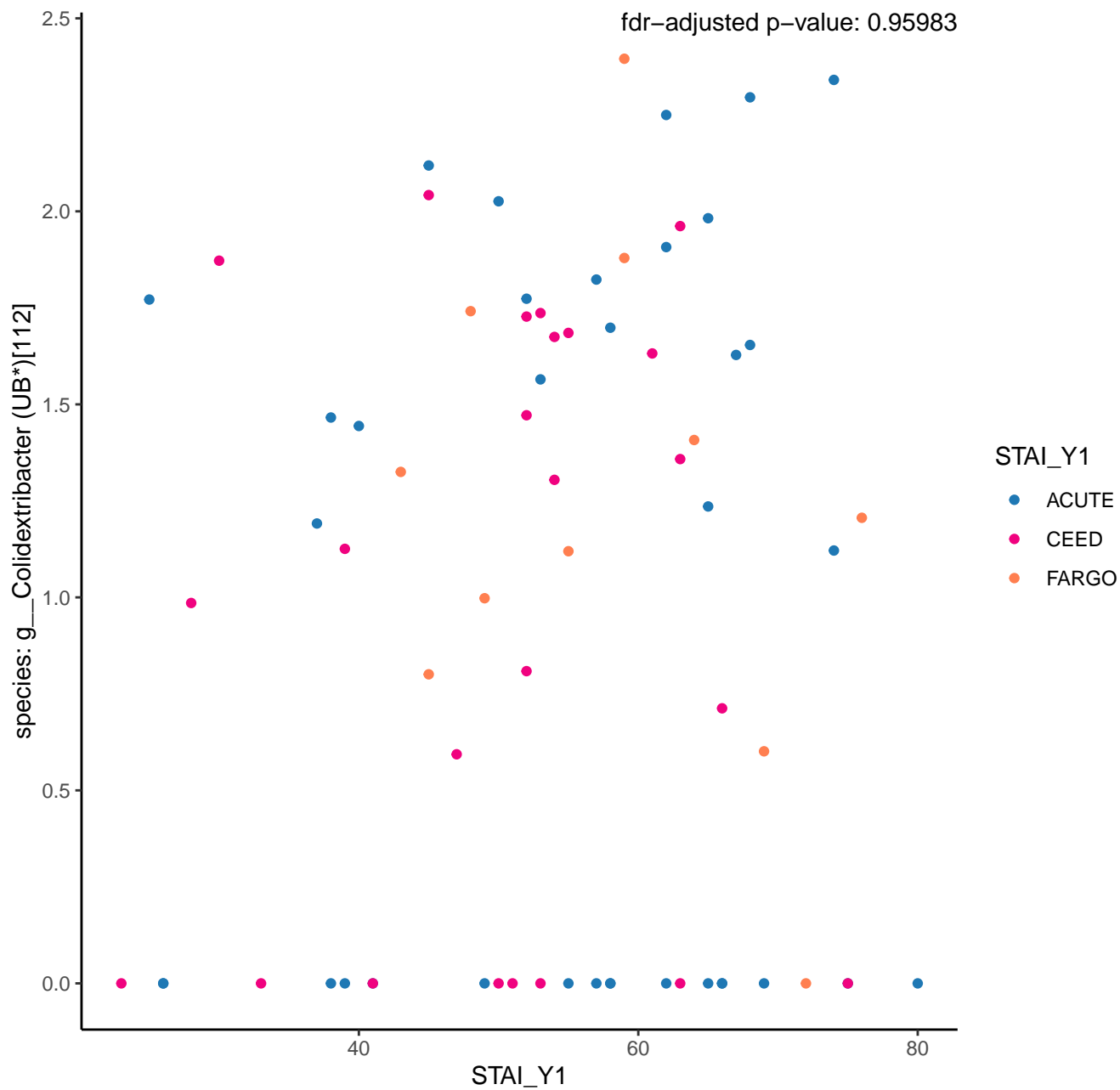
- ACUTE
- CEED
- FARGO

STAI\_Y1



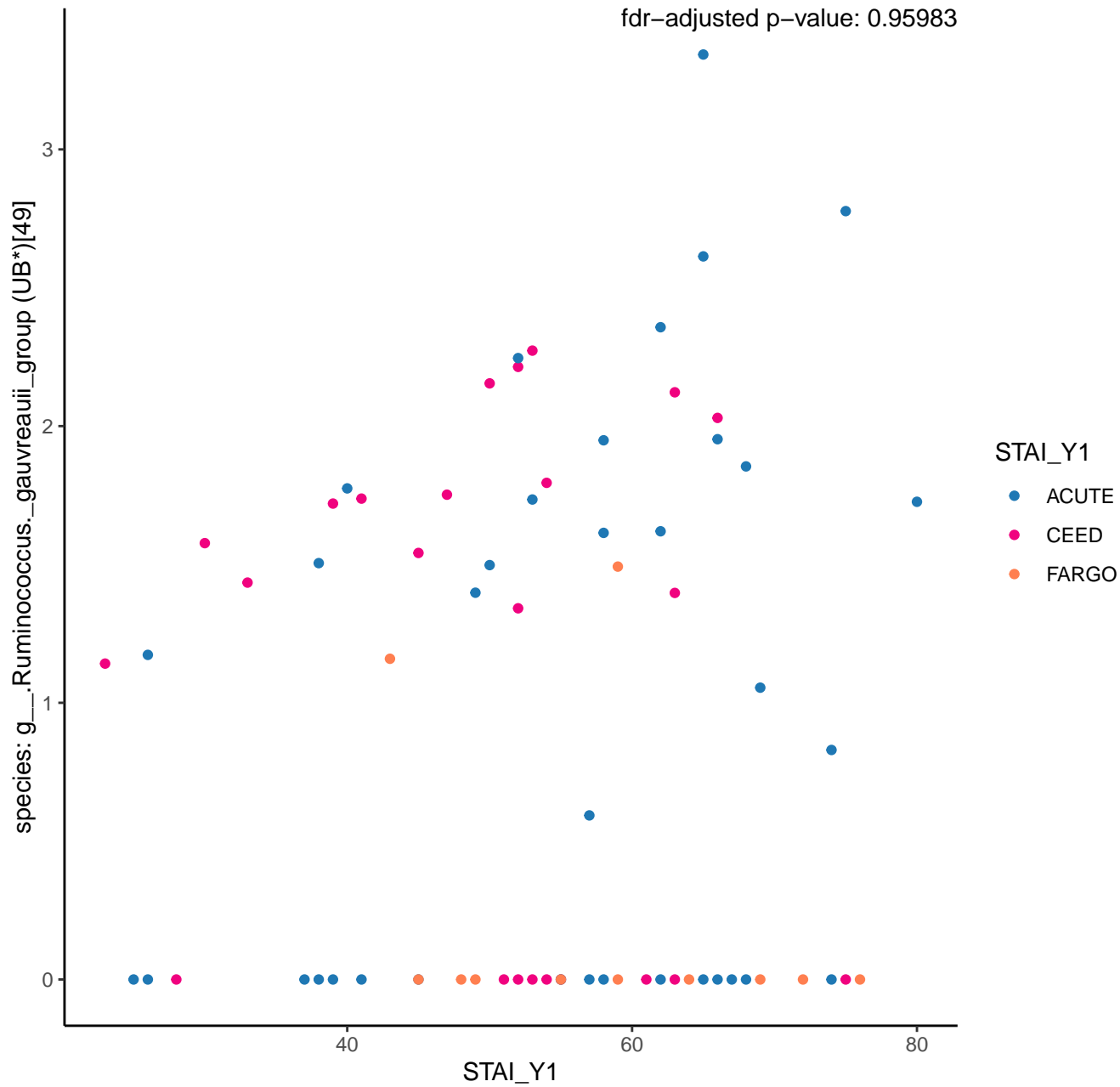
p-value: 0.62102

fdr-adjusted p-value: 0.95983



p-value: 0.62535

fdr-adjusted p-value: 0.95983



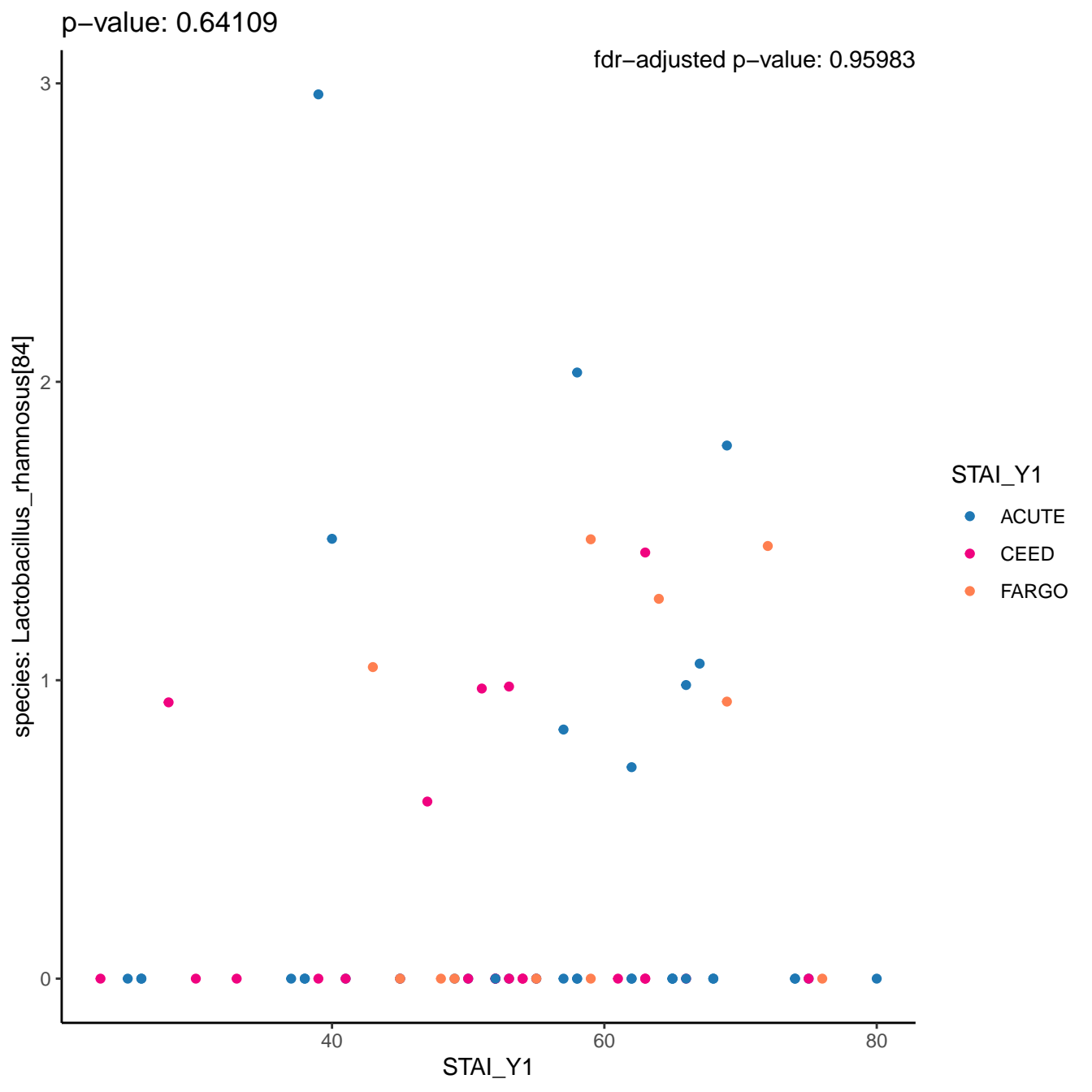
p-value: 0.64109

fdr-adjusted p-value: 0.95983

species: *Lactobacillus\_rhamnosus*[84]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.64515

fdr-adjusted p-value: 0.95983

species: g\_\_.Eubacterium.\_brachy\_group (UB\*)[10]

STAI\_Y1

ACUTE

CEED

FARGO

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STAI\_Y1

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p-value: 0.65191

fdr-adjusted p-value: 0.95983

species: g\_\_Lachnospiraceae\_FCS020\_group (UB\*)[162]

STAI\_Y1

ACUTE

CEED

FARGO

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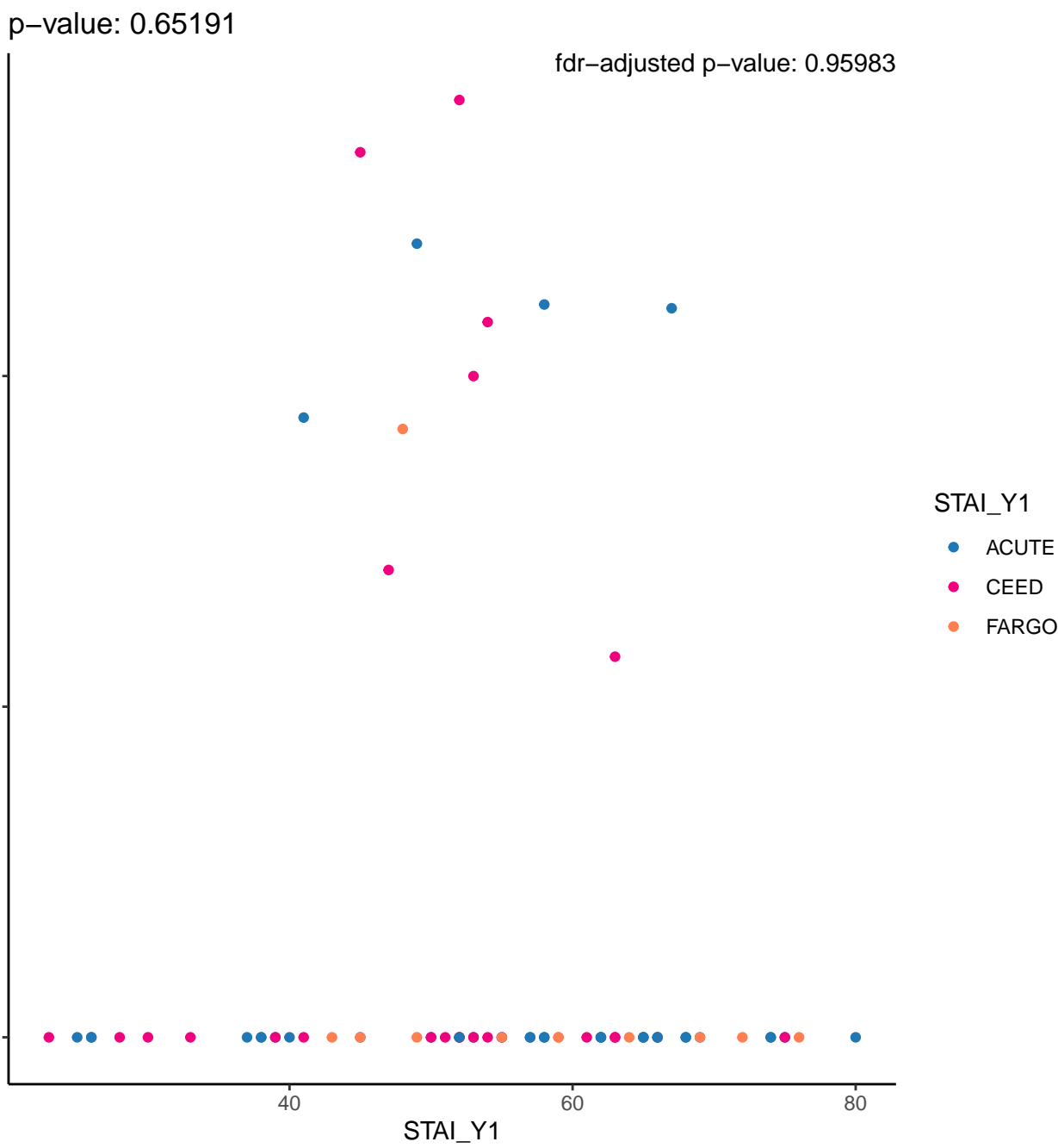
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STAI\_Y1

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p-value: 0.65318

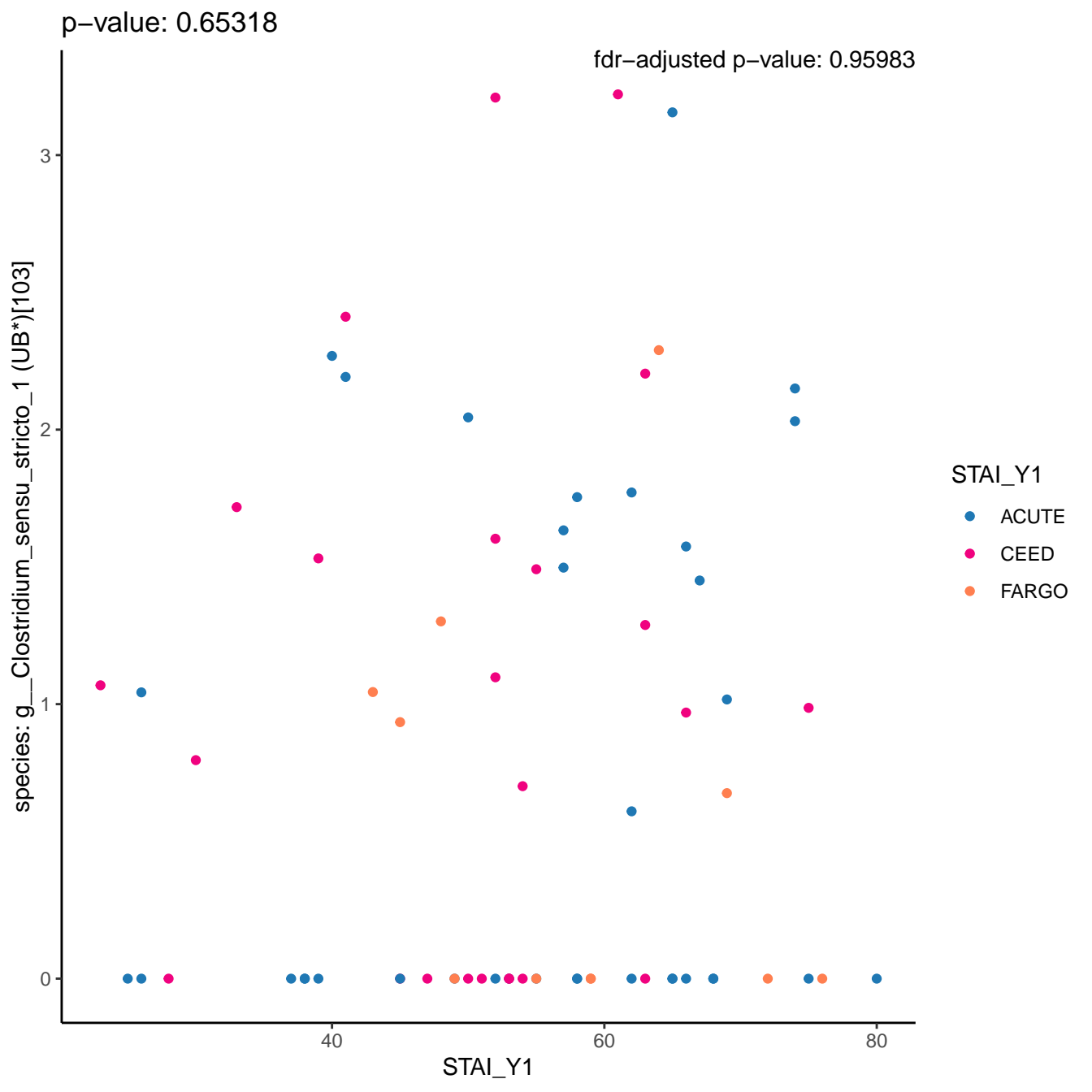
fdr-adjusted p-value: 0.95983

species: g\_\_Clostridium\_sensu\_stricto\_1 (UB\*)[103]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.65431

fdr-adjusted p-value: 0.95983

species: g\_\_Eubacterium.\_ruminantium\_group (UB\*)[129]

STAI\_Y1

- ACUTE
- CEED
- FARGO

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176.5

177.0

177.5

178.0

178.5

179.0

179.5

180.0

180.5

181.0

181.5

182.0

182.5

183.0

183.5

184.0

184.5

185.0

p-value: 0.65431

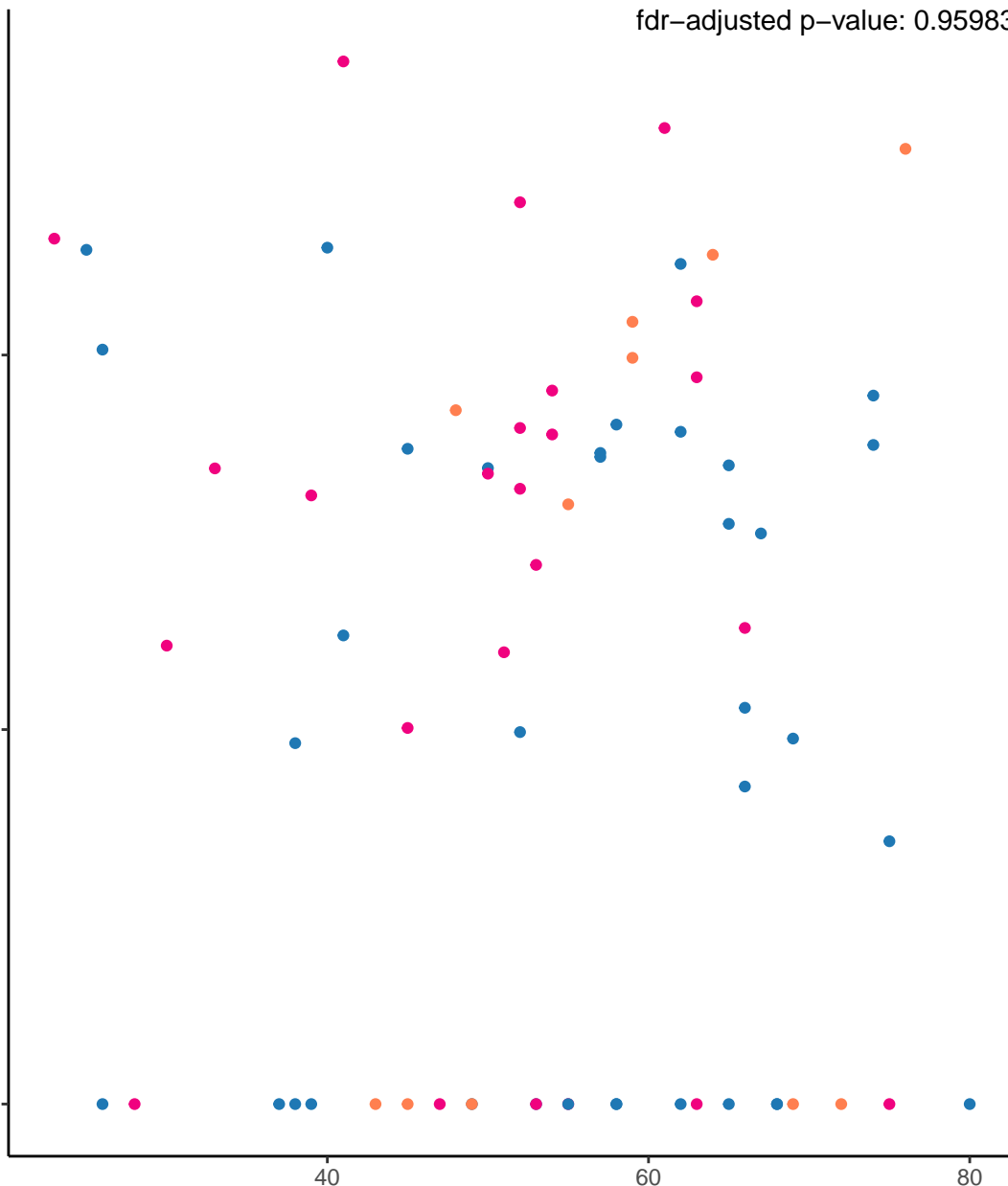
fdr-adjusted p-value: 0.95983

species: g\_\_Intestinibacter (UB\*)[161]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



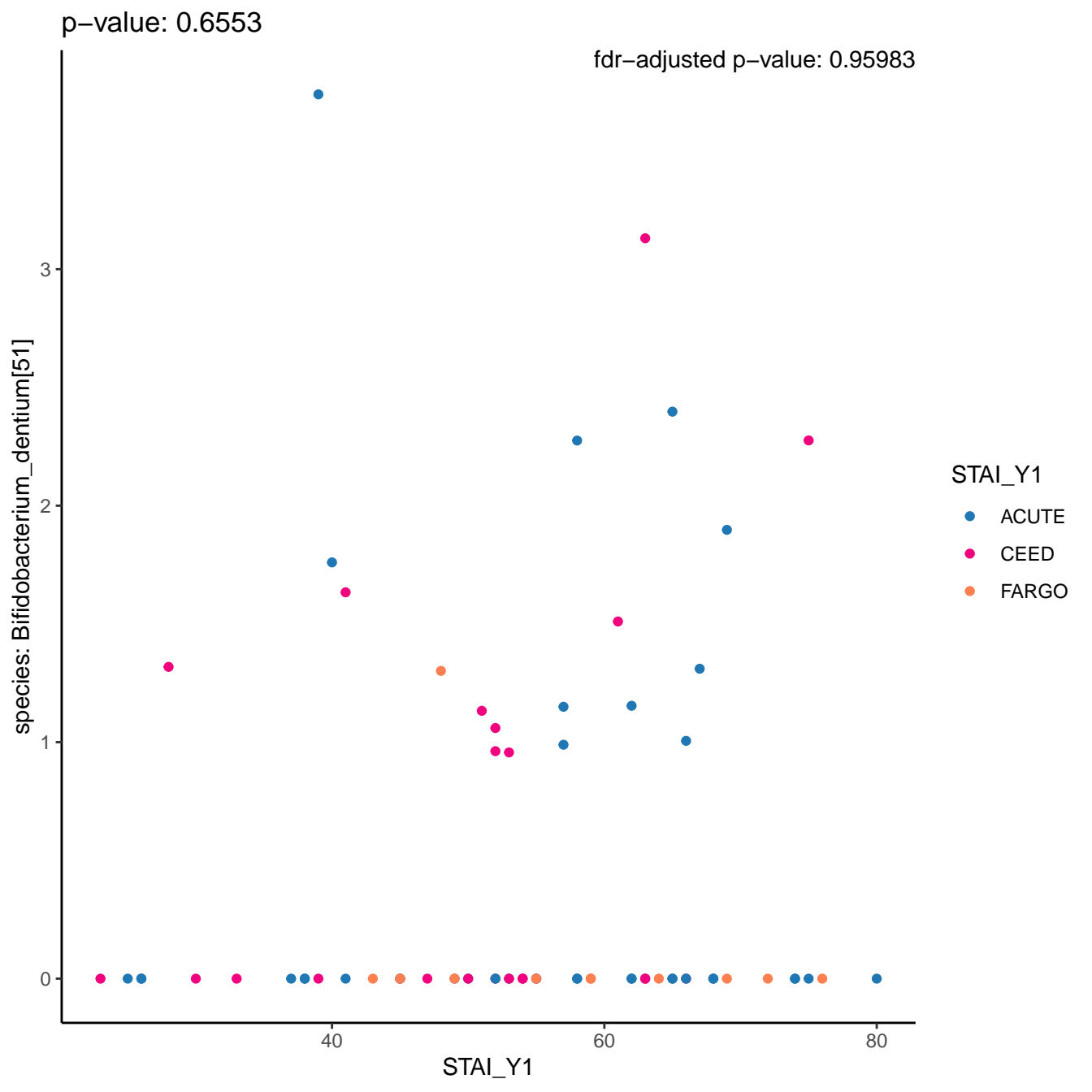
p-value: 0.6553

fdr-adjusted p-value: 0.95983

species: Bifidobacterium\_dentium[51]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.65975

fdr-adjusted p-value: 0.95983

species: .Eubacterium.\_eligans\_group.[136]

STAI\_Y1

ACUTE

CEED

FARGO

0

1

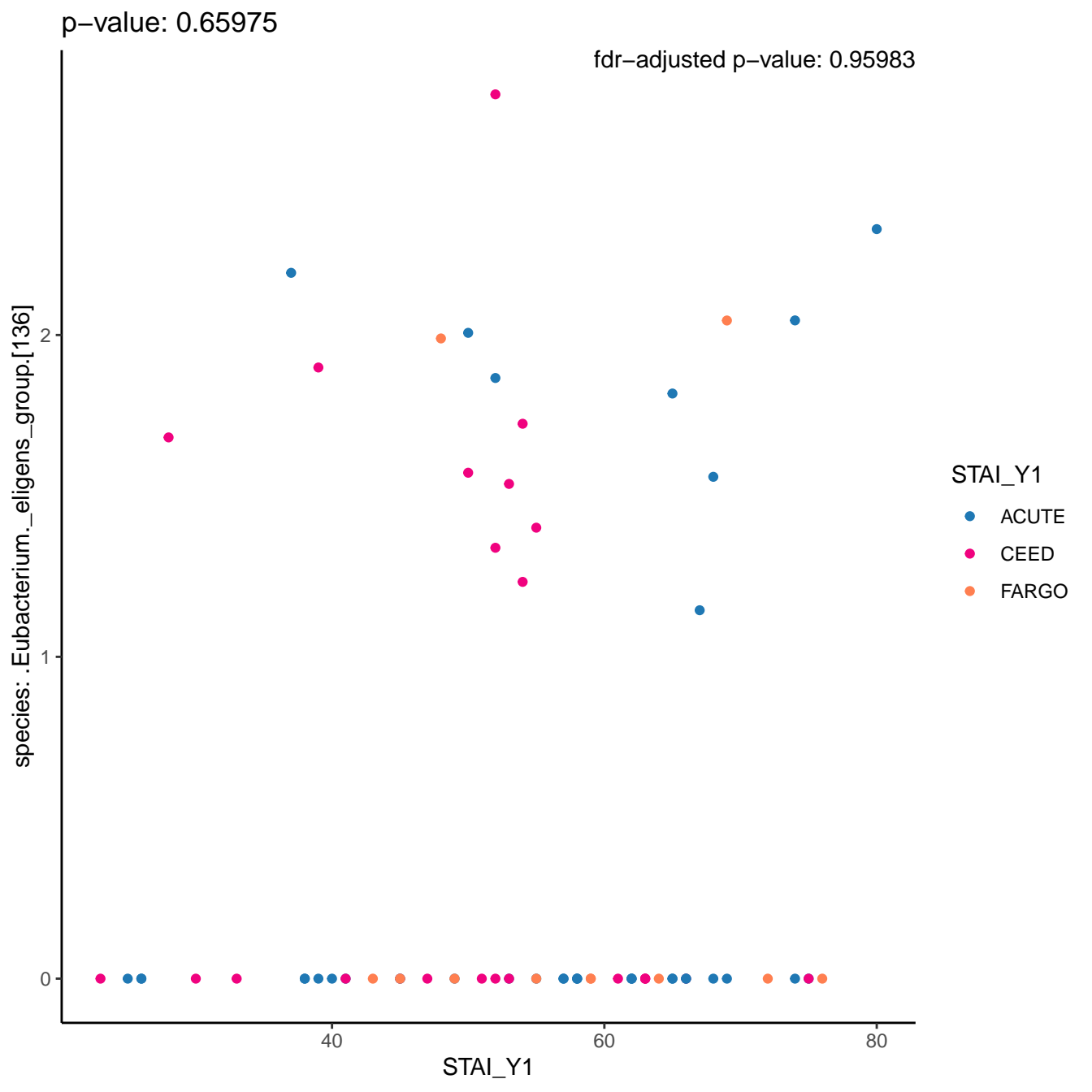
2

40

60

80

STAI\_Y1



p-value: 0.66319

fdr-adjusted p-value: 0.95983

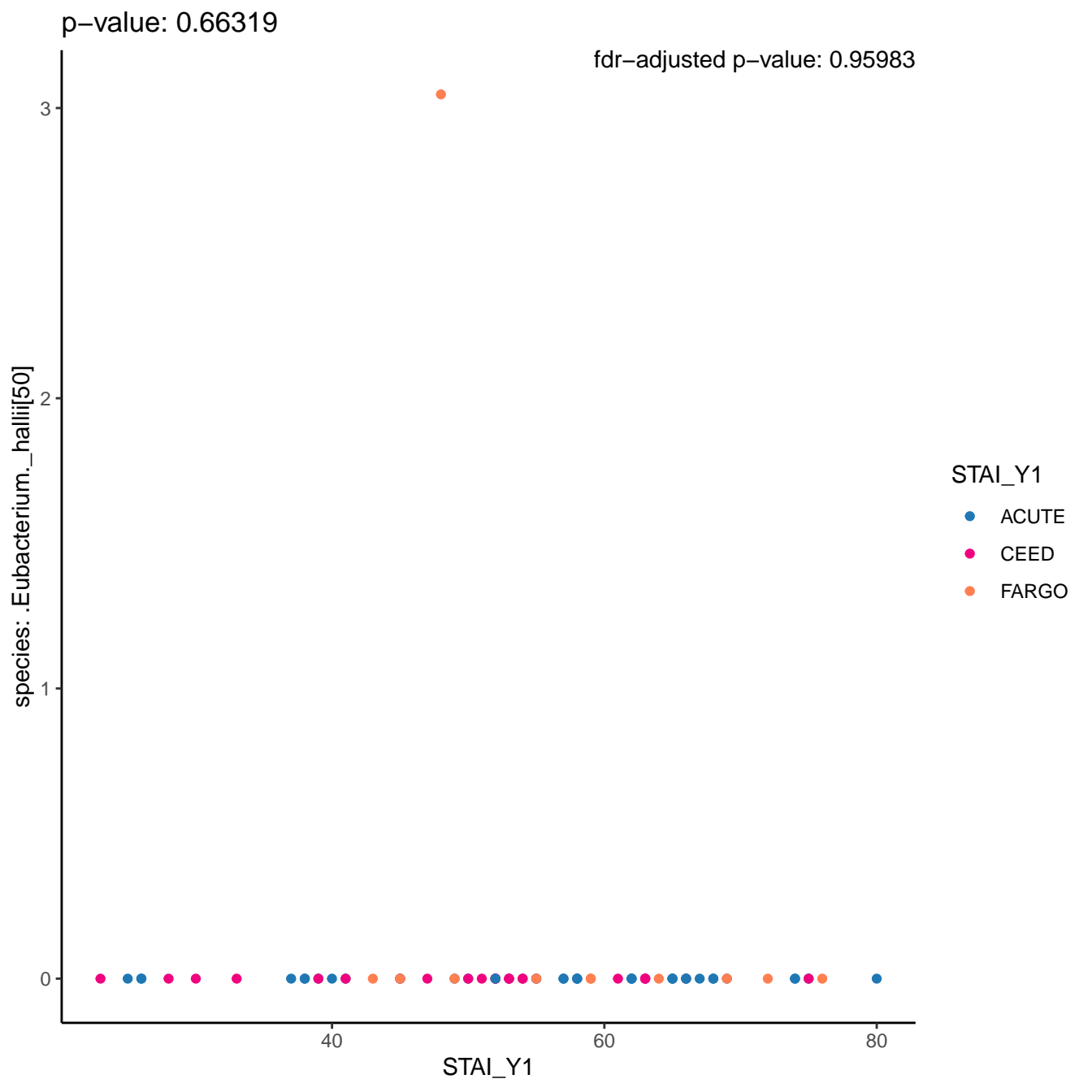
species: .Eubacterium.\_hallii[50]

STAI\_Y1

ACUTE

CEED

FARGO



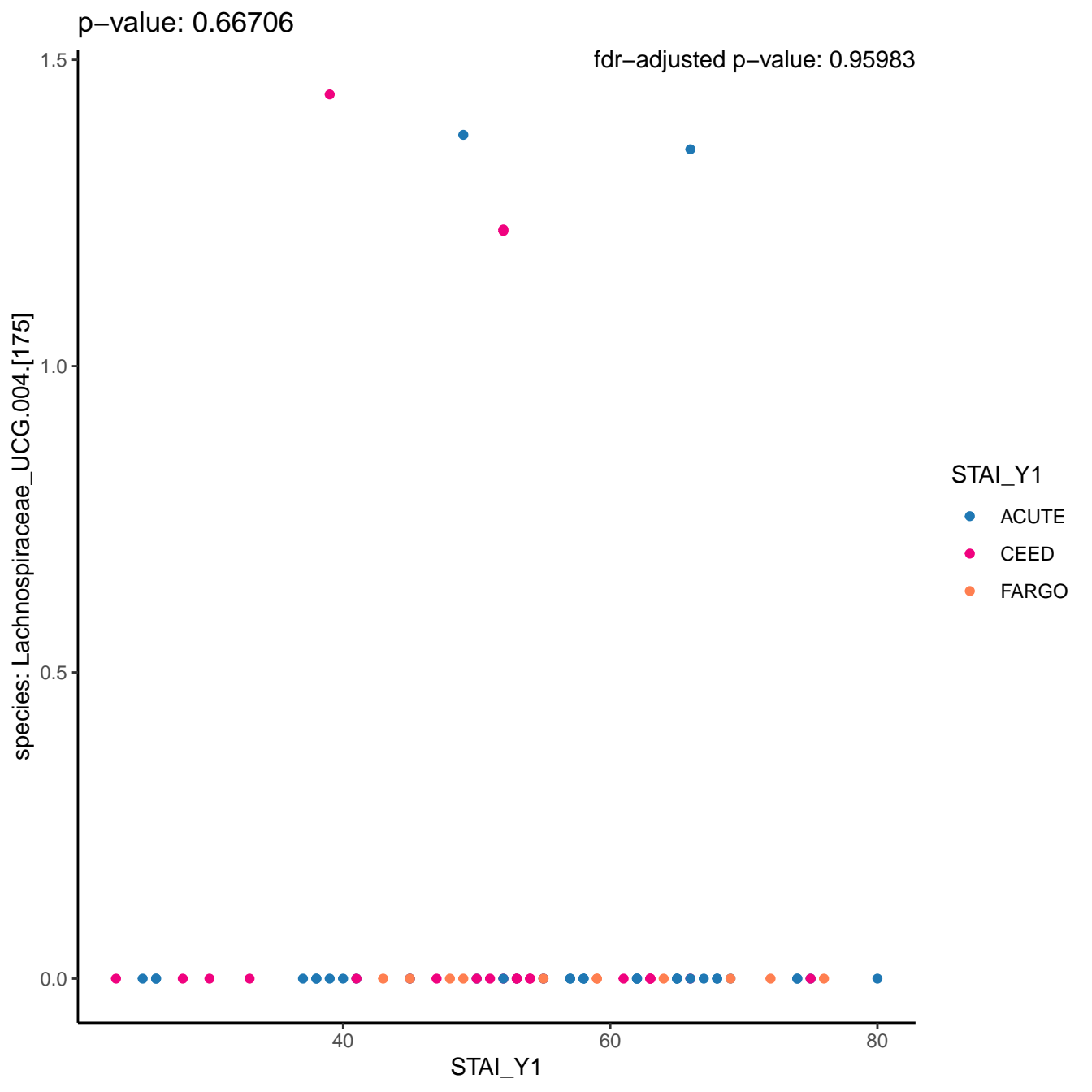
p-value: 0.66706

fdr-adjusted p-value: 0.95983

species: Lachnospiraceae\_UCG.004.[175]

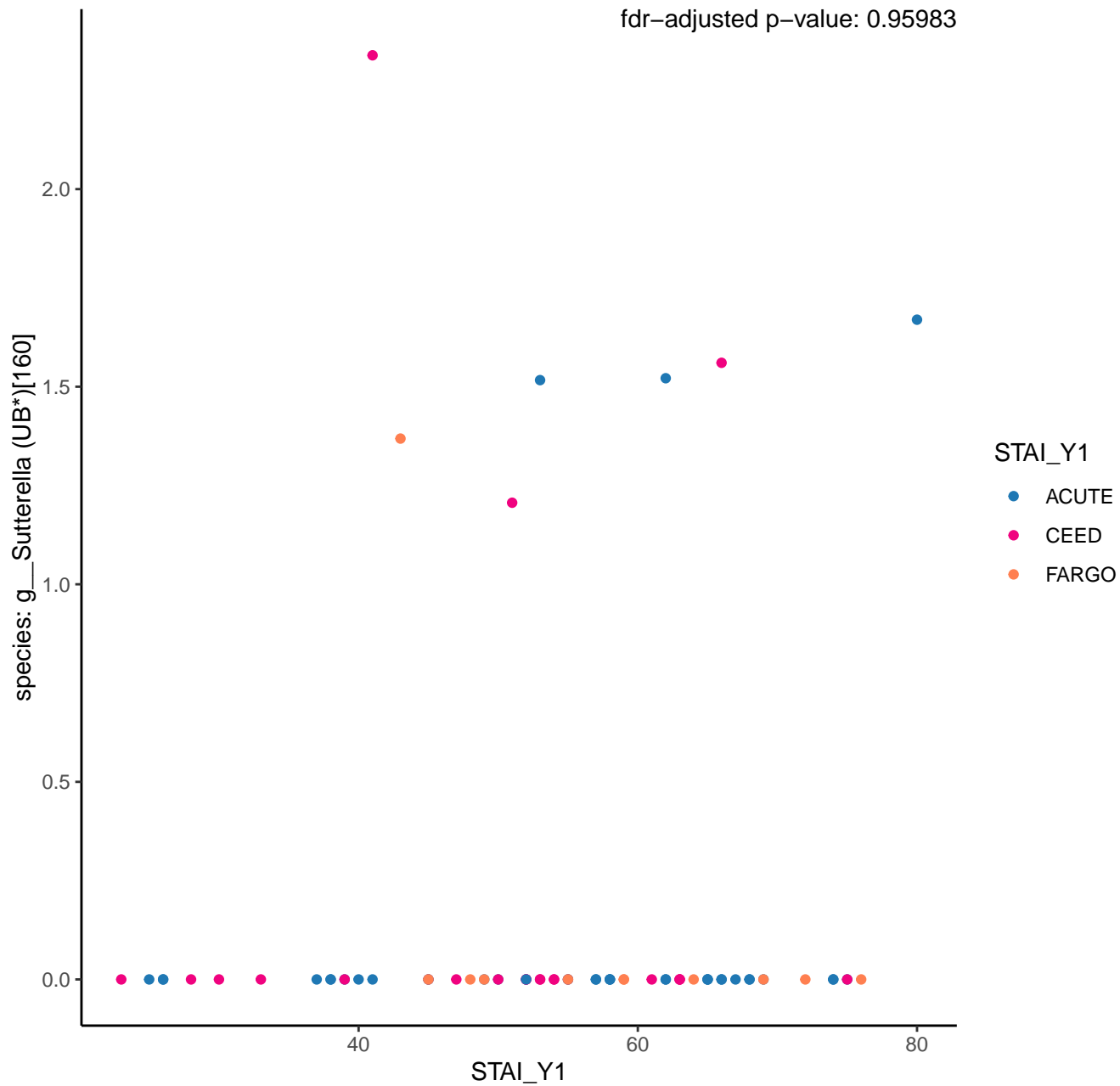
STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.67188

fdr-adjusted p-value: 0.95983





p-value: 0.68473

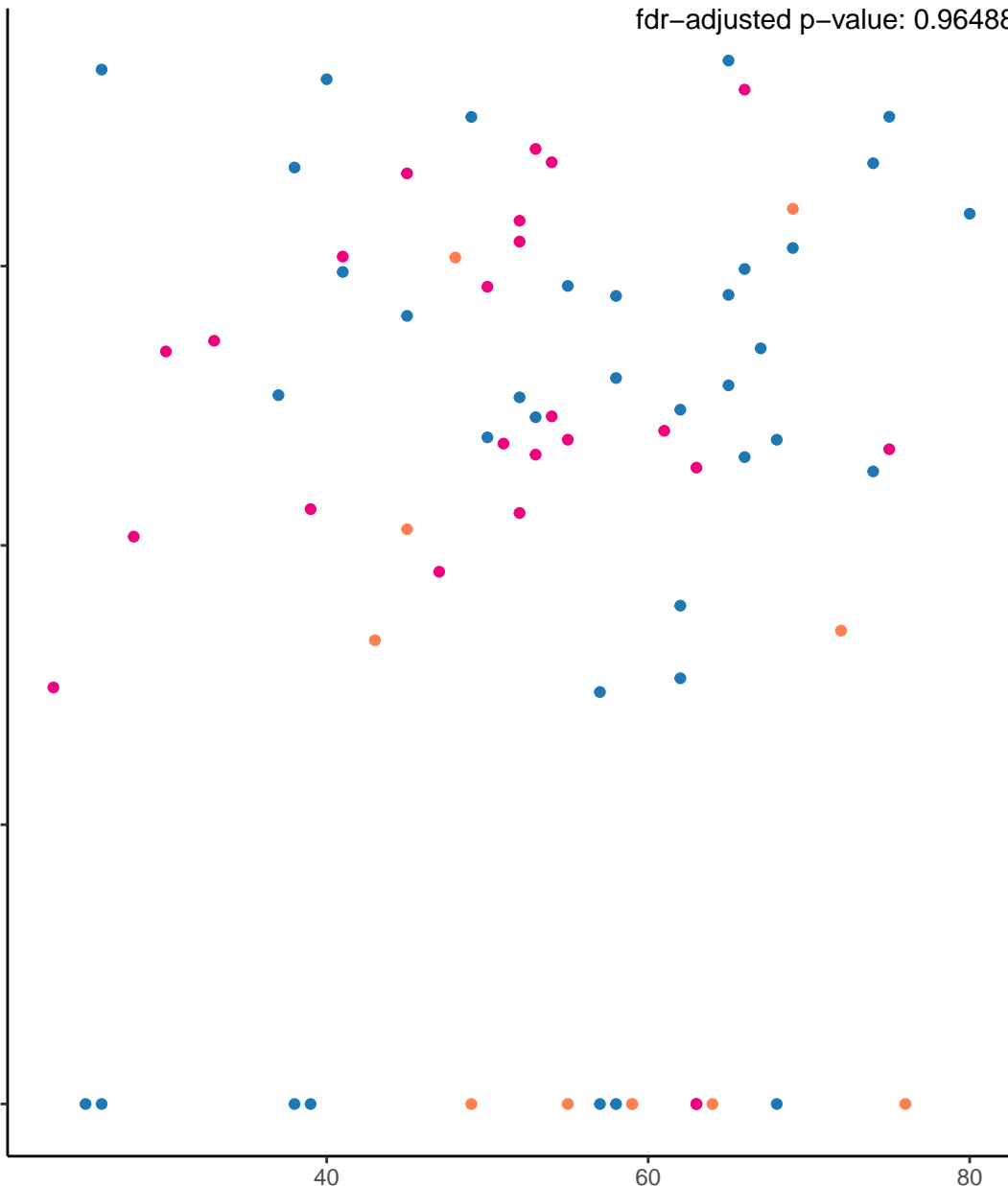
fdr-adjusted p-value: 0.96488

species: g\_\_Faecalibacterium (UB\*)[26]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.69458

fdr-adjusted p-value: 0.96488

species: g\_\_UCG.003 (UB\*)[127]

STAI\_Y1

ACUTE

CEED

FARGO

0.0

0.5

1.0

1.5

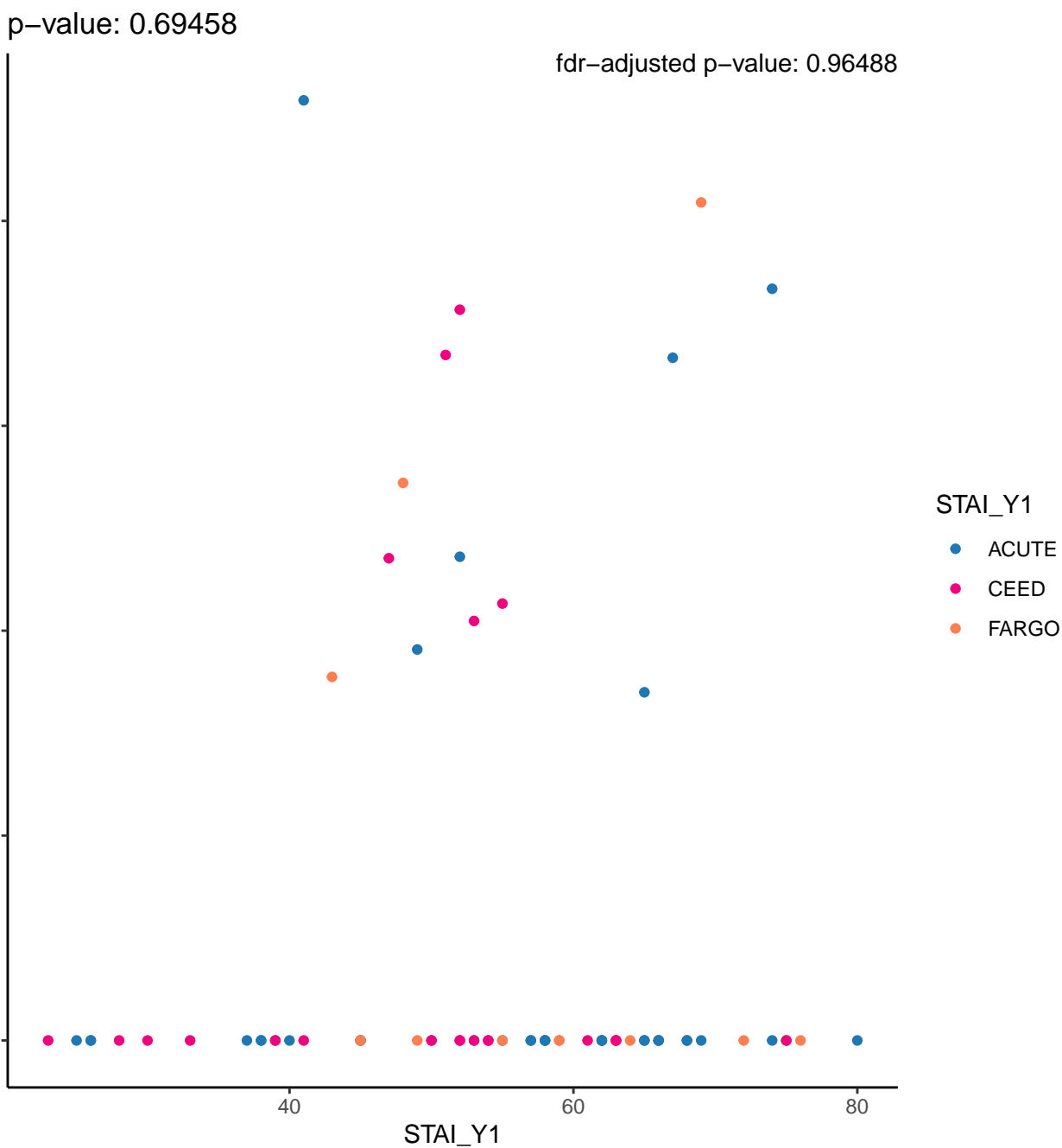
2.0

STAI\_Y1

40

60

80



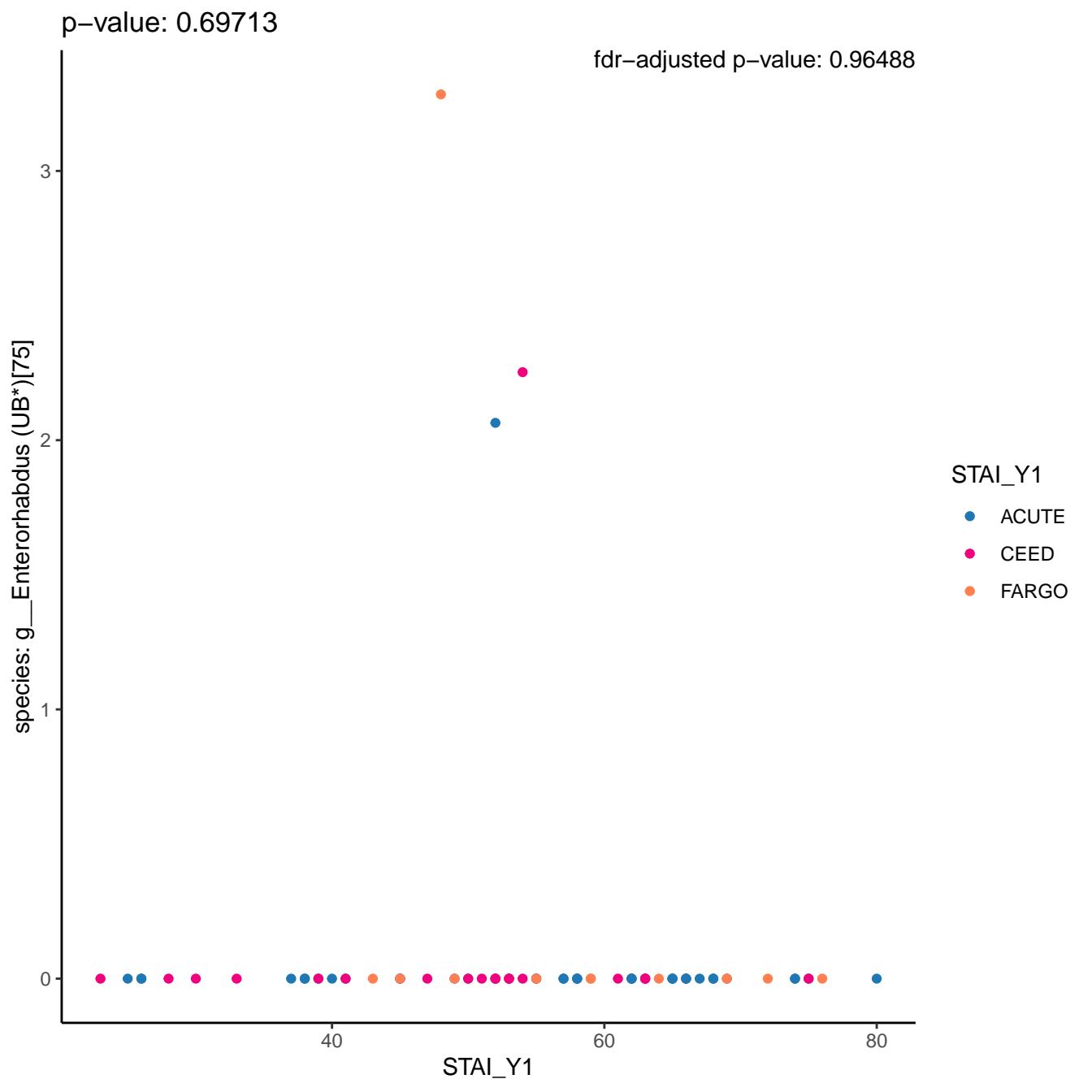
p-value: 0.69713

fdr-adjusted p-value: 0.96488

species: g\_\_Enterorhabdus (UB\*)[75]

STAI\_Y1

- ACUTE
- CEED
- FARGO



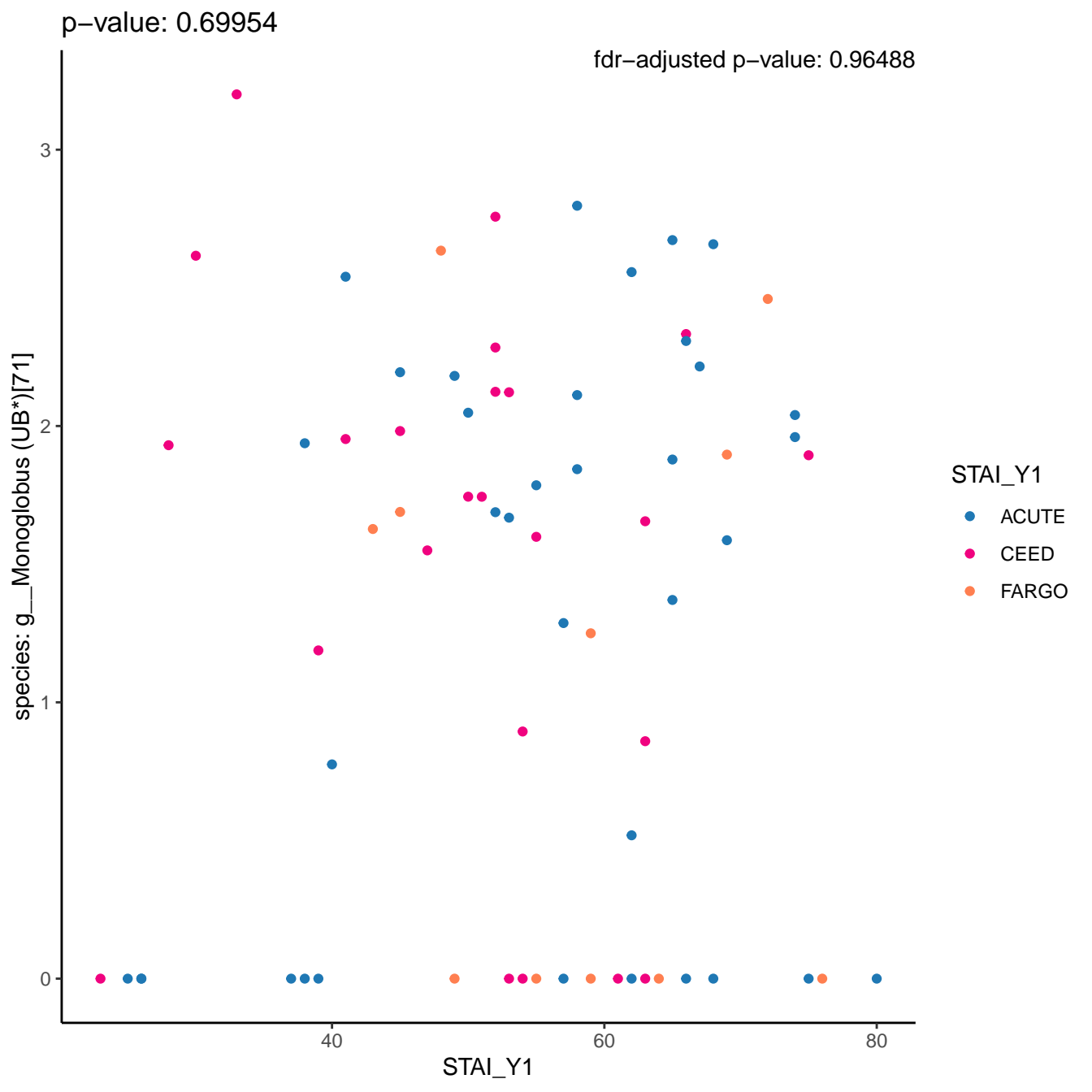
p-value: 0.69954

fdr-adjusted p-value: 0.96488

species: g\_\_Monoglobus (UB\*)[71]

STAI\_Y1

- ACUTE
- CEED
- FARGO



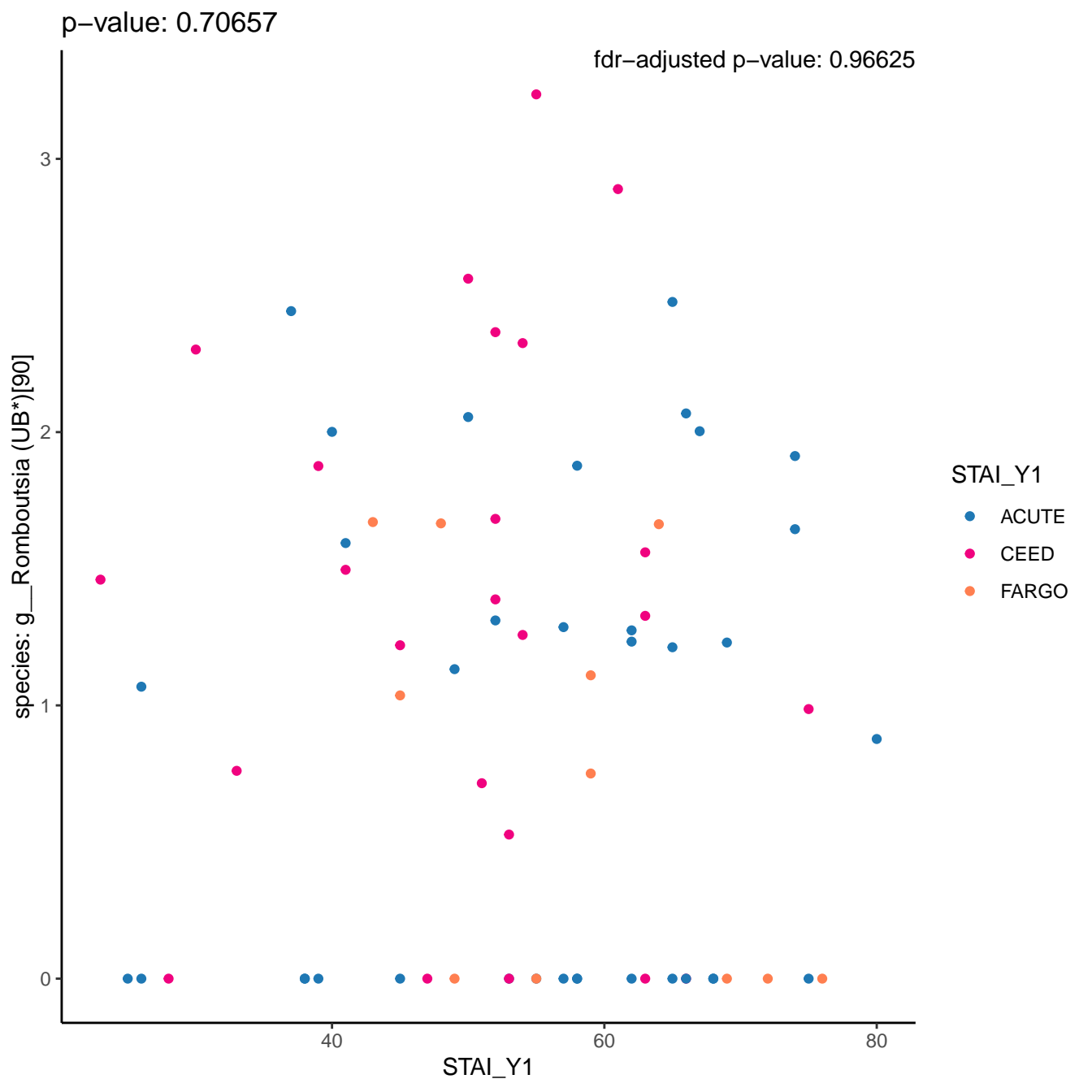
p-value: 0.70657

fdr-adjusted p-value: 0.96625

species: g\_\_Romboutsia (UB\*)[90]

STAL\_Y1

ACUTE  
CEED  
FARGO



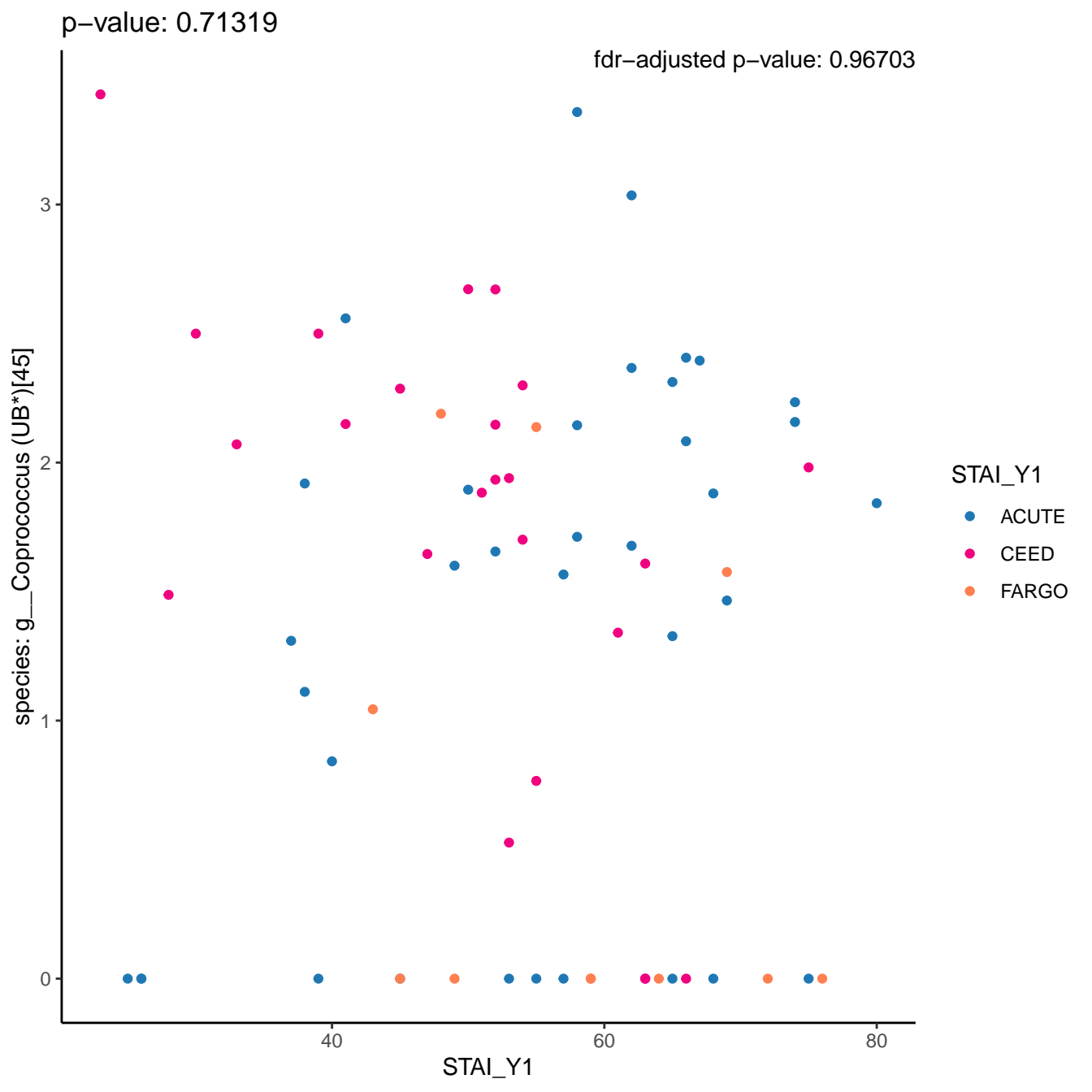
p-value: 0.71319

fdr-adjusted p-value: 0.96703

species: g\_\_Coprococcus (UB\*)[45]

STAI\_Y1

- ACUTE
- CEED
- FARGO



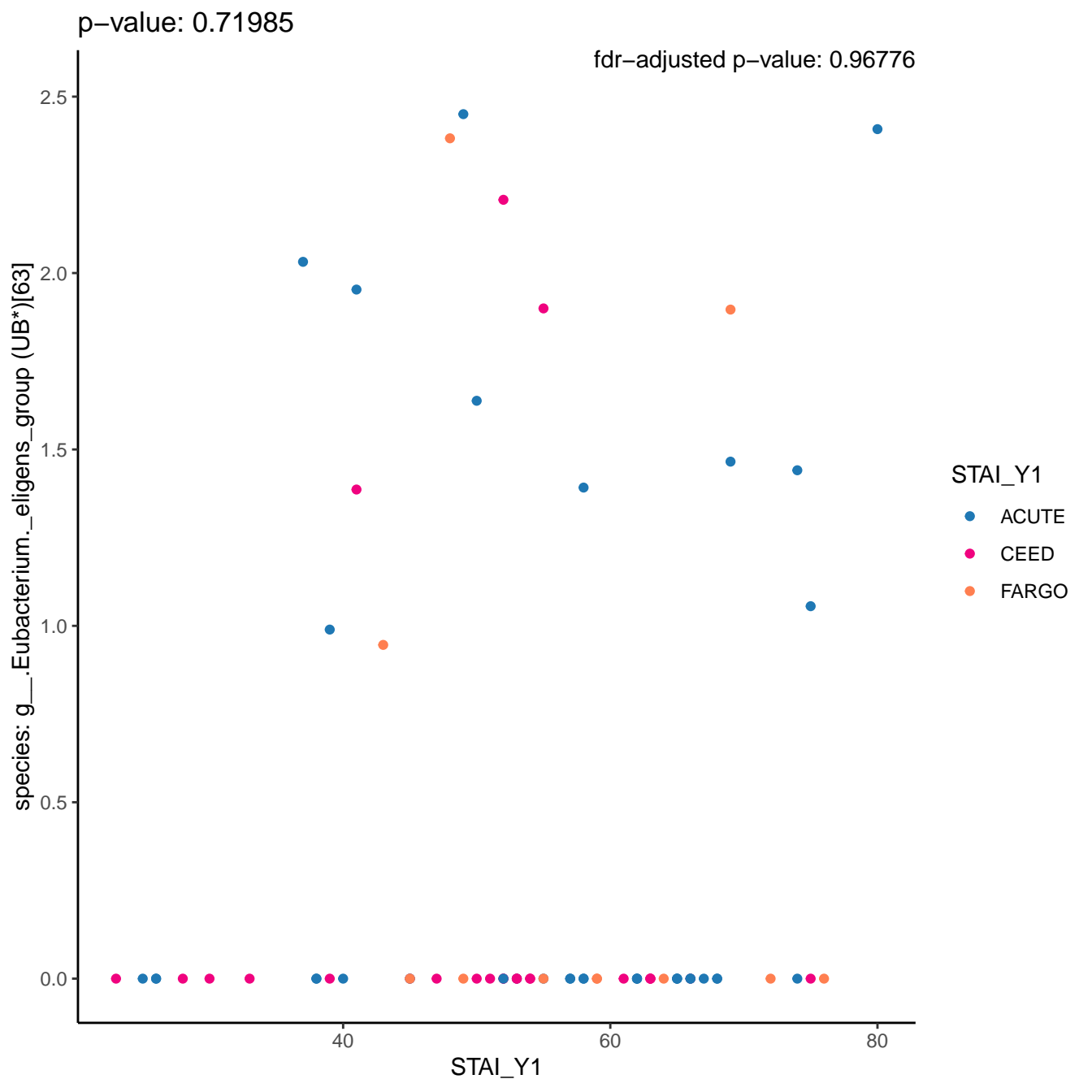
p-value: 0.71985

fdr-adjusted p-value: 0.96776

species: g\_\_.Eubacterium.\_eligans\_group (UB\*)[63]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.72582

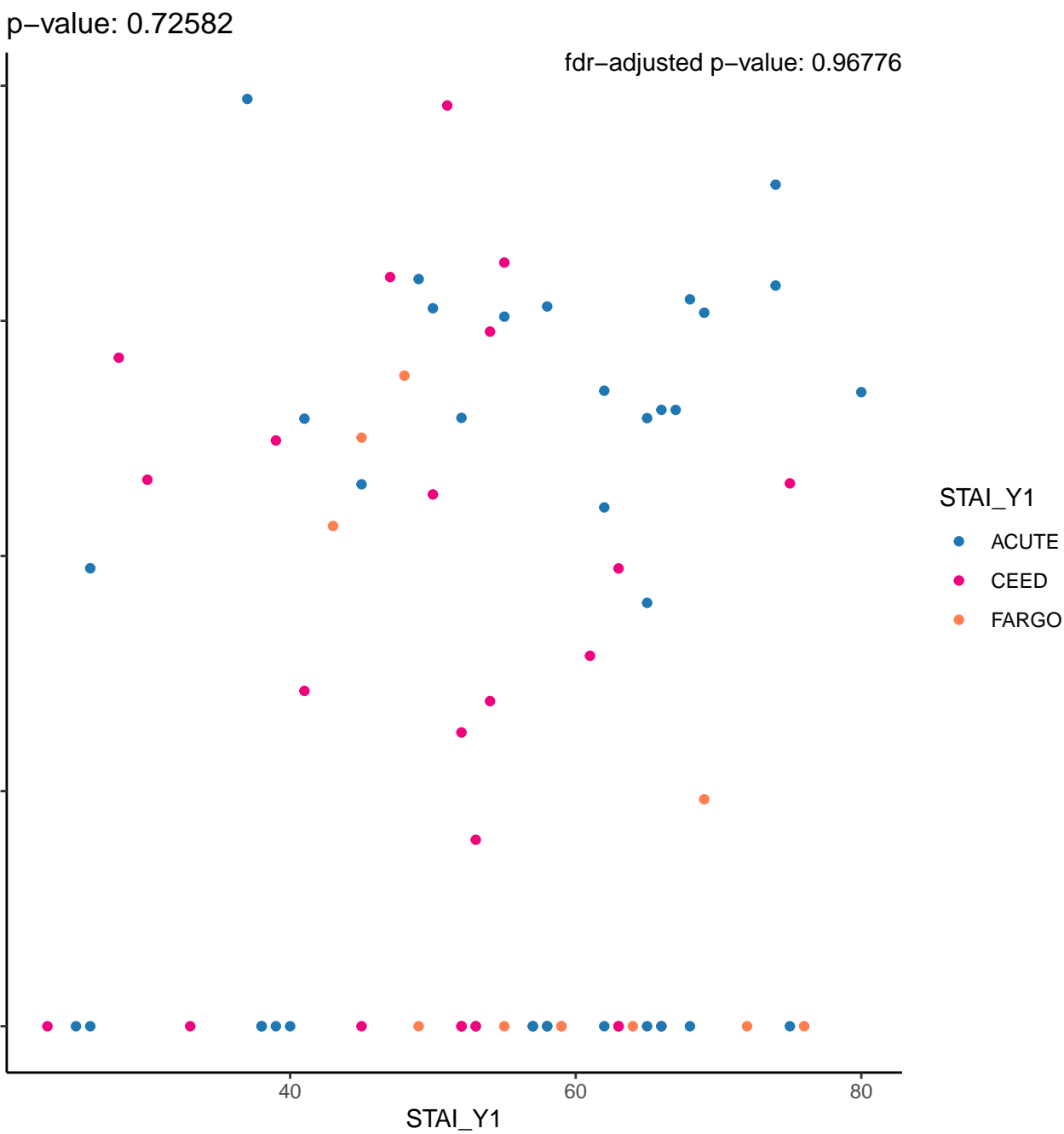
fdr-adjusted p-value: 0.96776

species: g\_\_Ruminococcus (UB\*)[3]

STAI\_Y1

STAI\_Y1

- ACUTE
- CEED
- FARGO





p-value: 0.76787

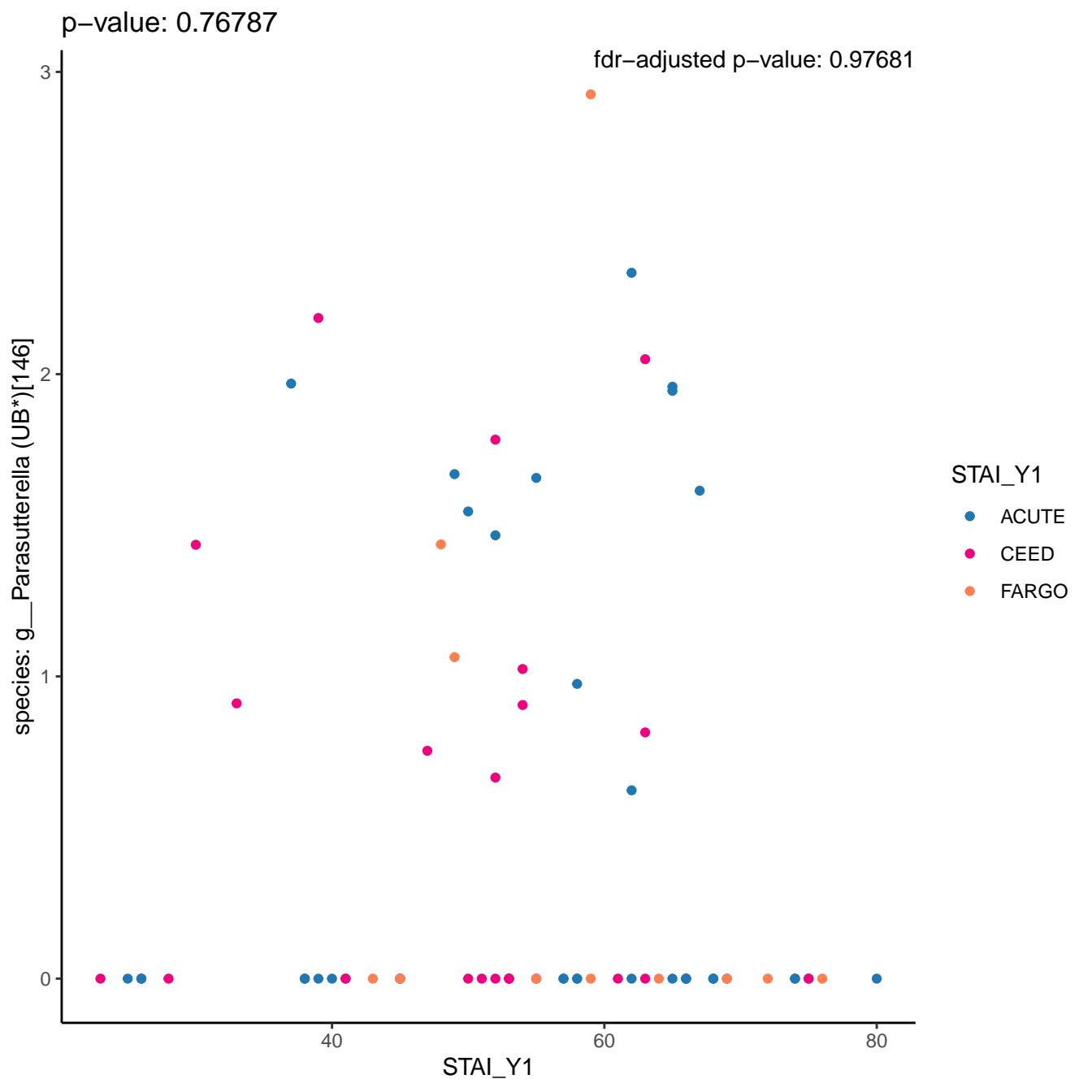
fdr-adjusted p-value: 0.97681

species: g\_\_Parasutterella (UB\*)[146]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



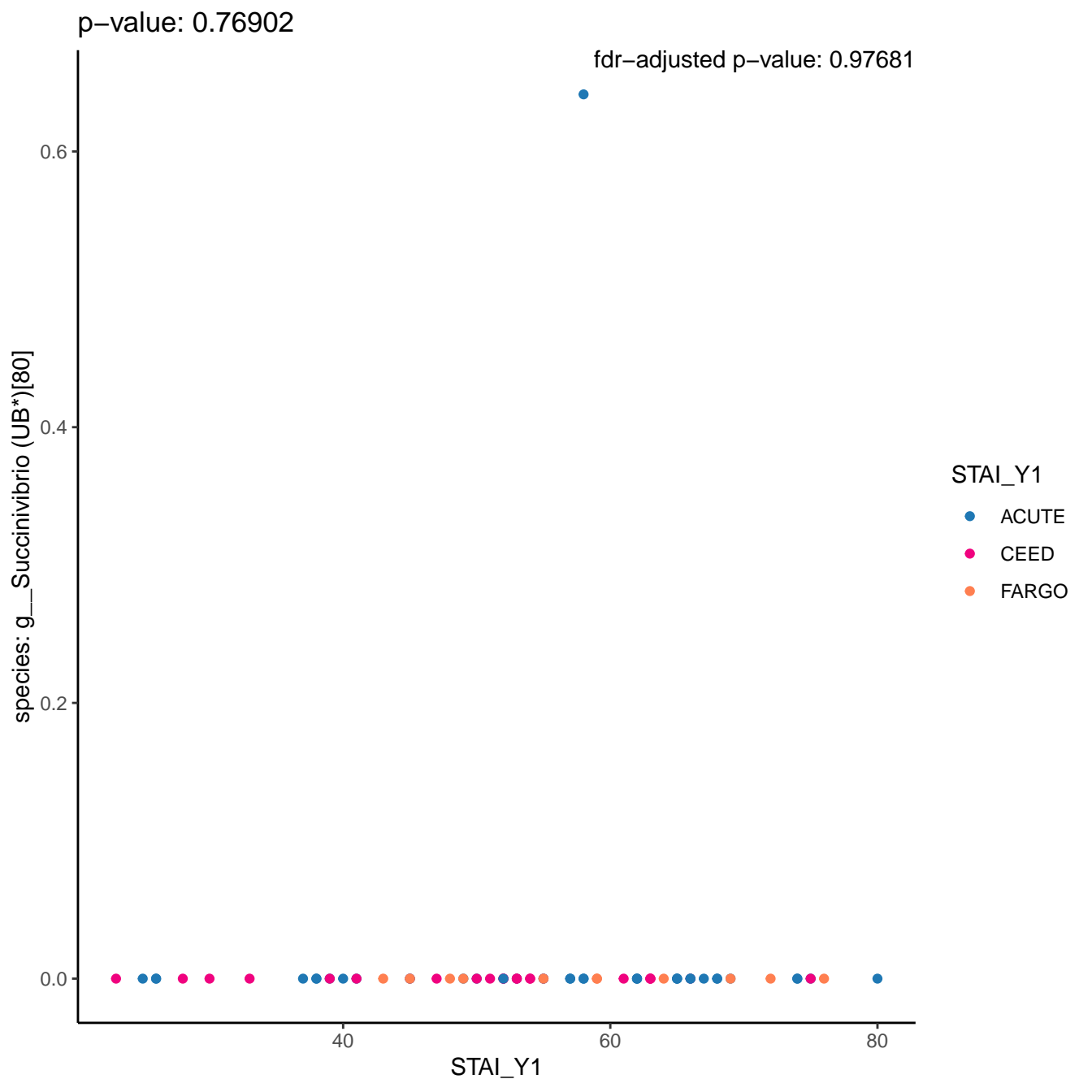
p-value: 0.76902

fdr-adjusted p-value: 0.97681

species: g\_\_Succinivibrio (UB\*)[80]

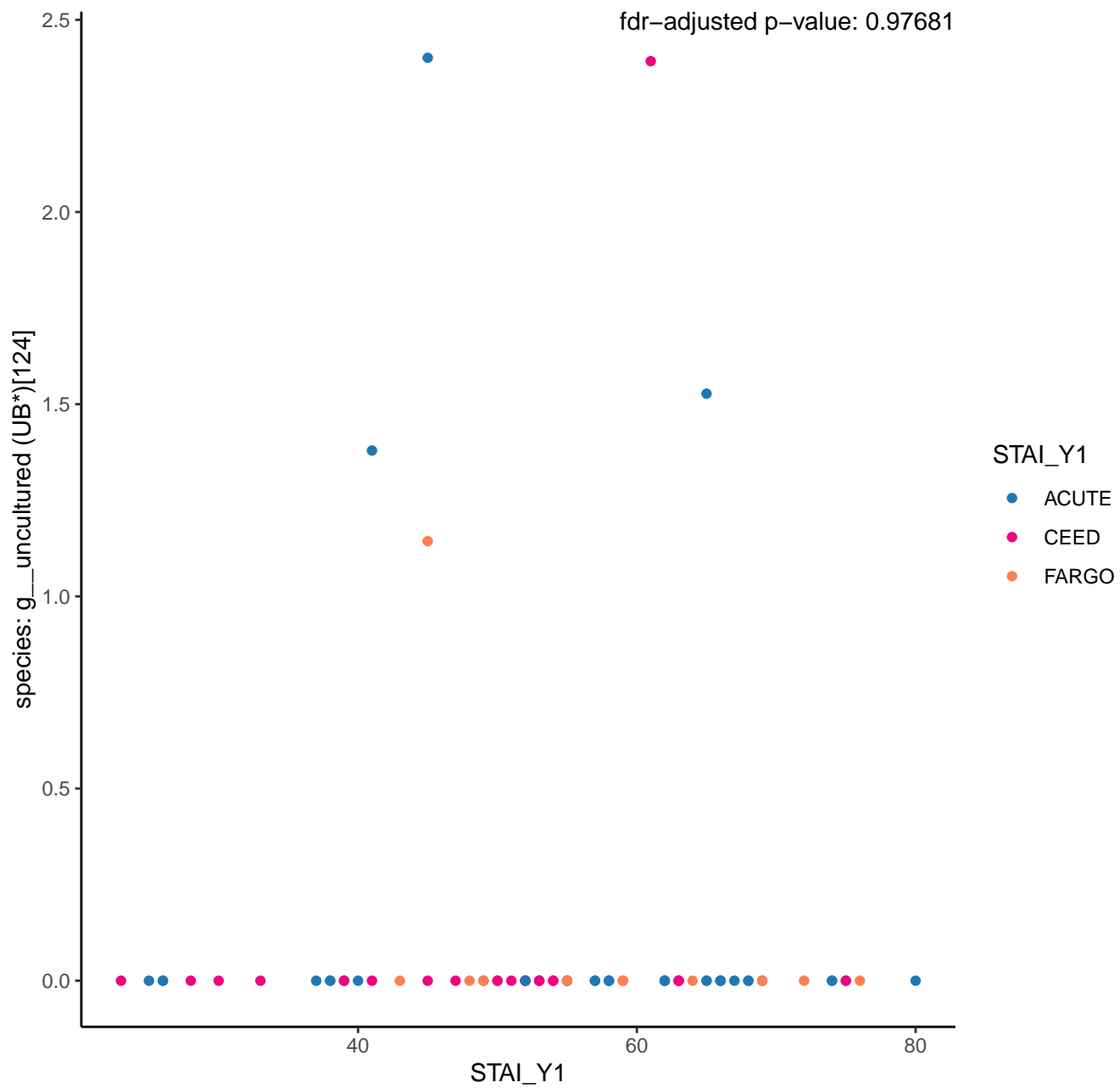
STAI\_Y1

- ACUTE
- CEED
- FARGO

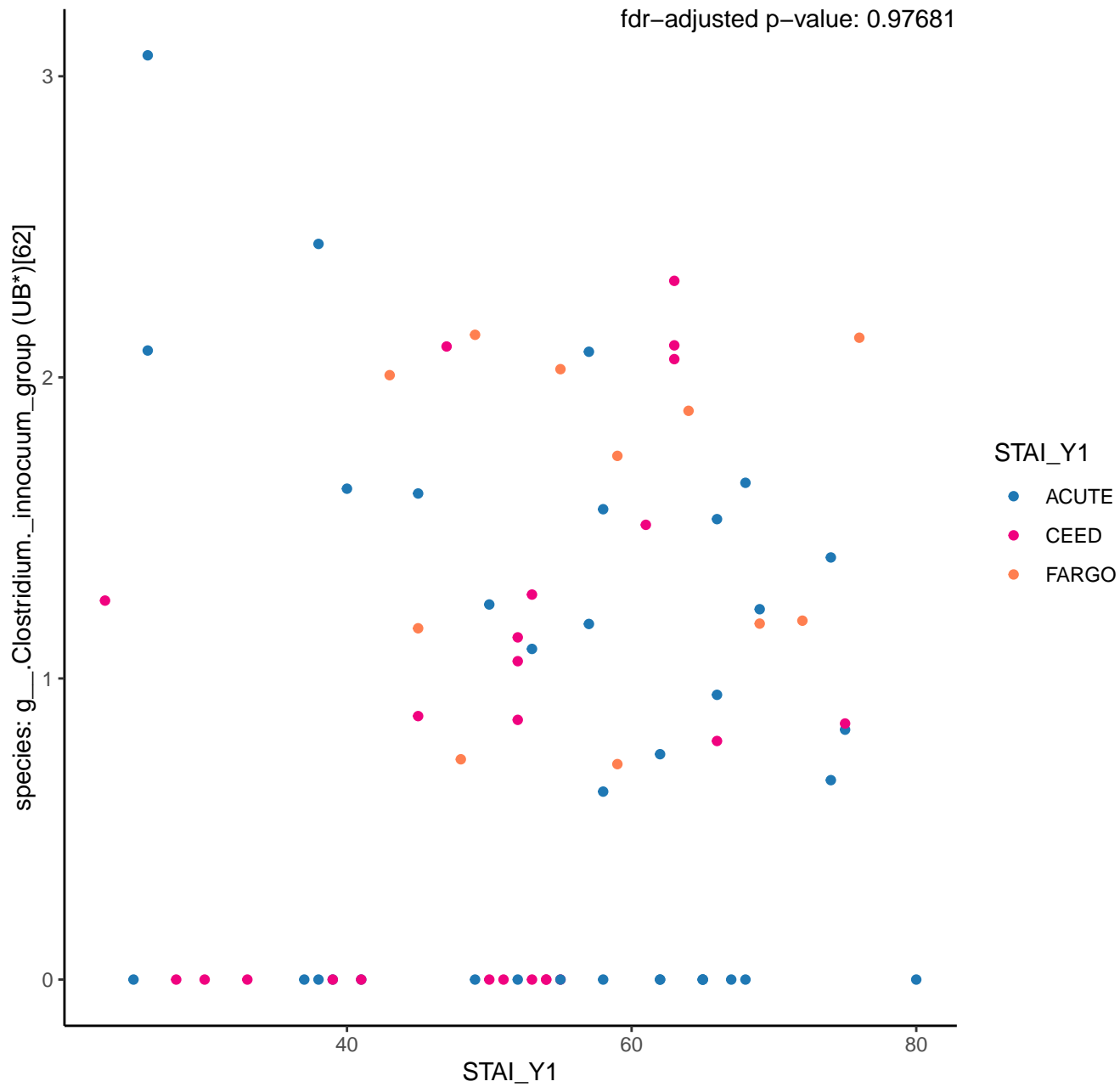


p-value: 0.77116

fdr-adjusted p-value: 0.97681



fdr-adjusted p-value: 0.97681



p-value: 0.7758

fdr-adjusted p-value: 0.97681

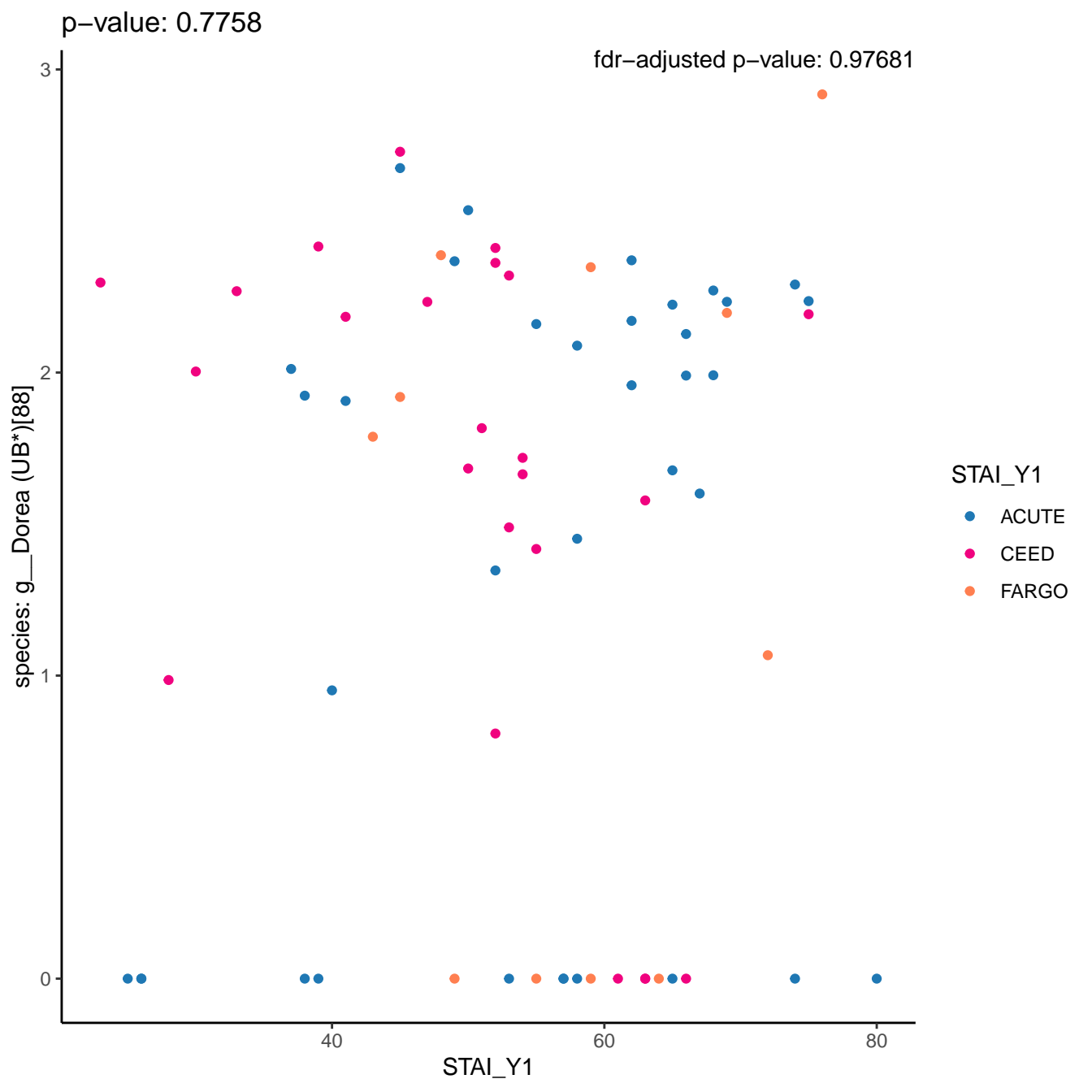
species: g\_\_Dorea (UB\*)[88]

STAI\_Y1

ACUTE

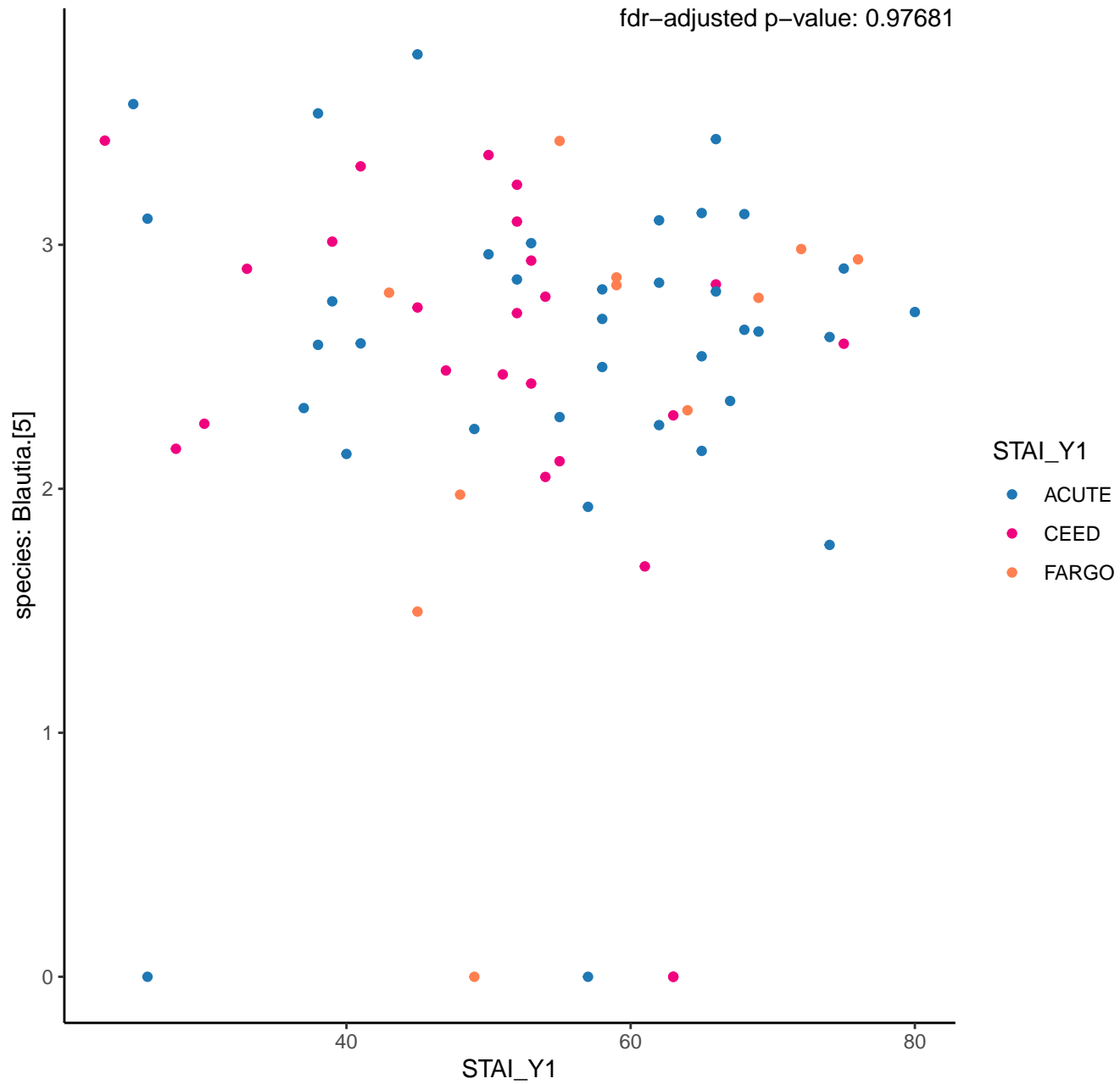
CEED

FARGO



p-value: 0.77695

fdr-adjusted p-value: 0.97681



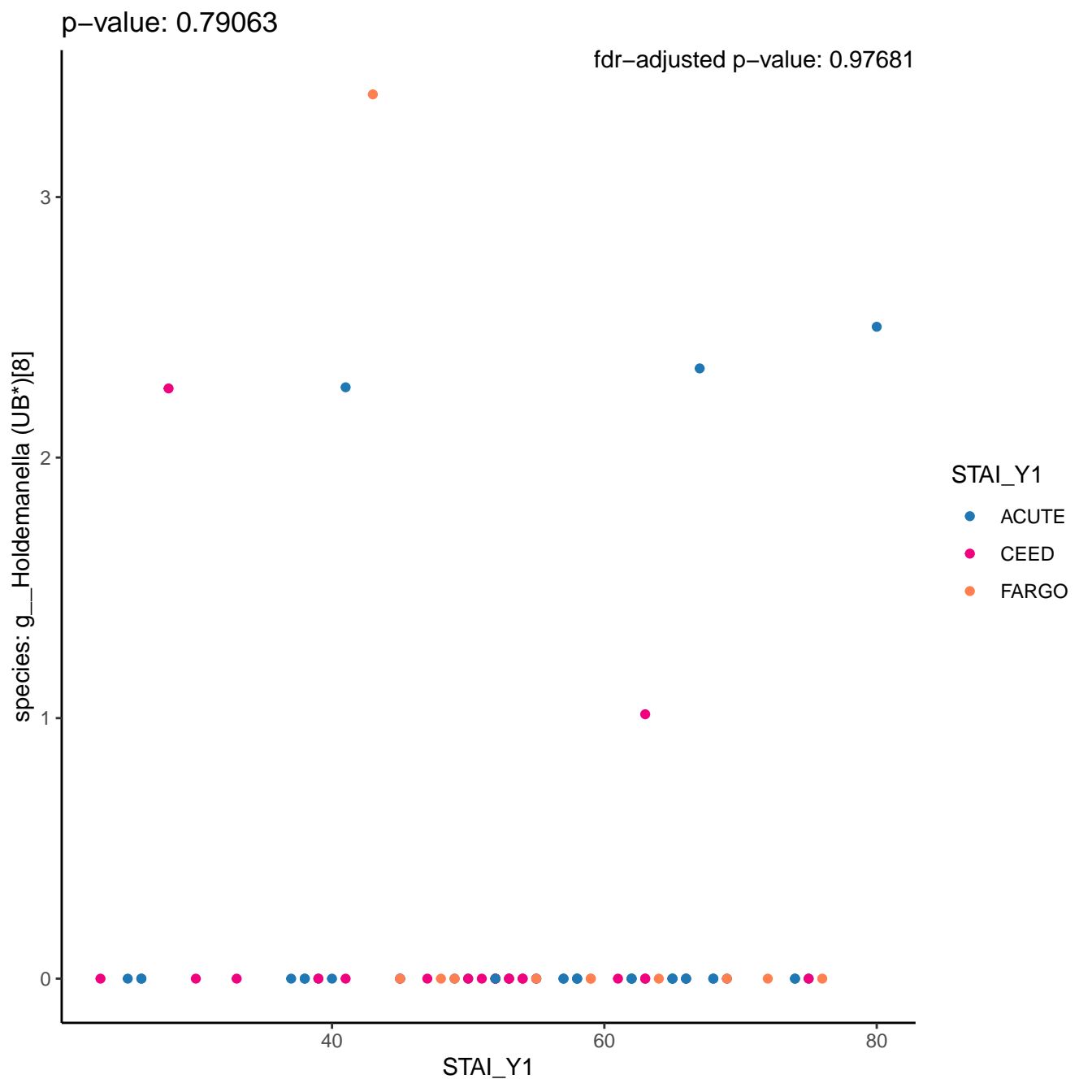
p-value: 0.79063

fdr-adjusted p-value: 0.97681

species: g\_\_Holdemanella (UB\*)[8]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.80634

fdr-adjusted p-value: 0.97681

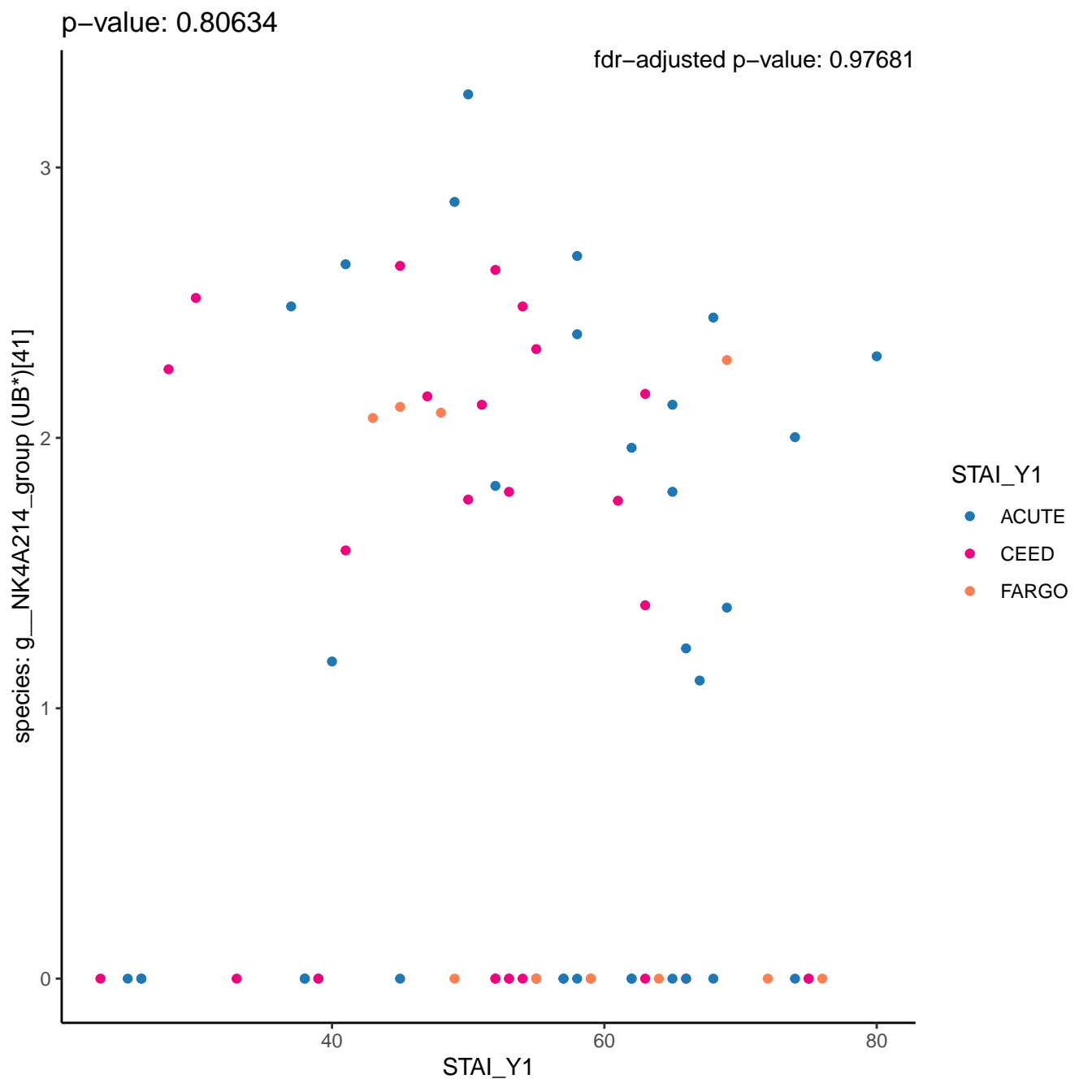
species: g\_NK4A214\_group (UB\*)[41]

STAI\_Y1

ACUTE

CEED

FARGO





p-value: 0.81479

fdr-adjusted p-value: 0.97681

species: g\_\_Prevotella (UB\*)[52]

STAI\_Y1

ACUTE

CEED

FARGO

0

40

STAI\_Y1

60

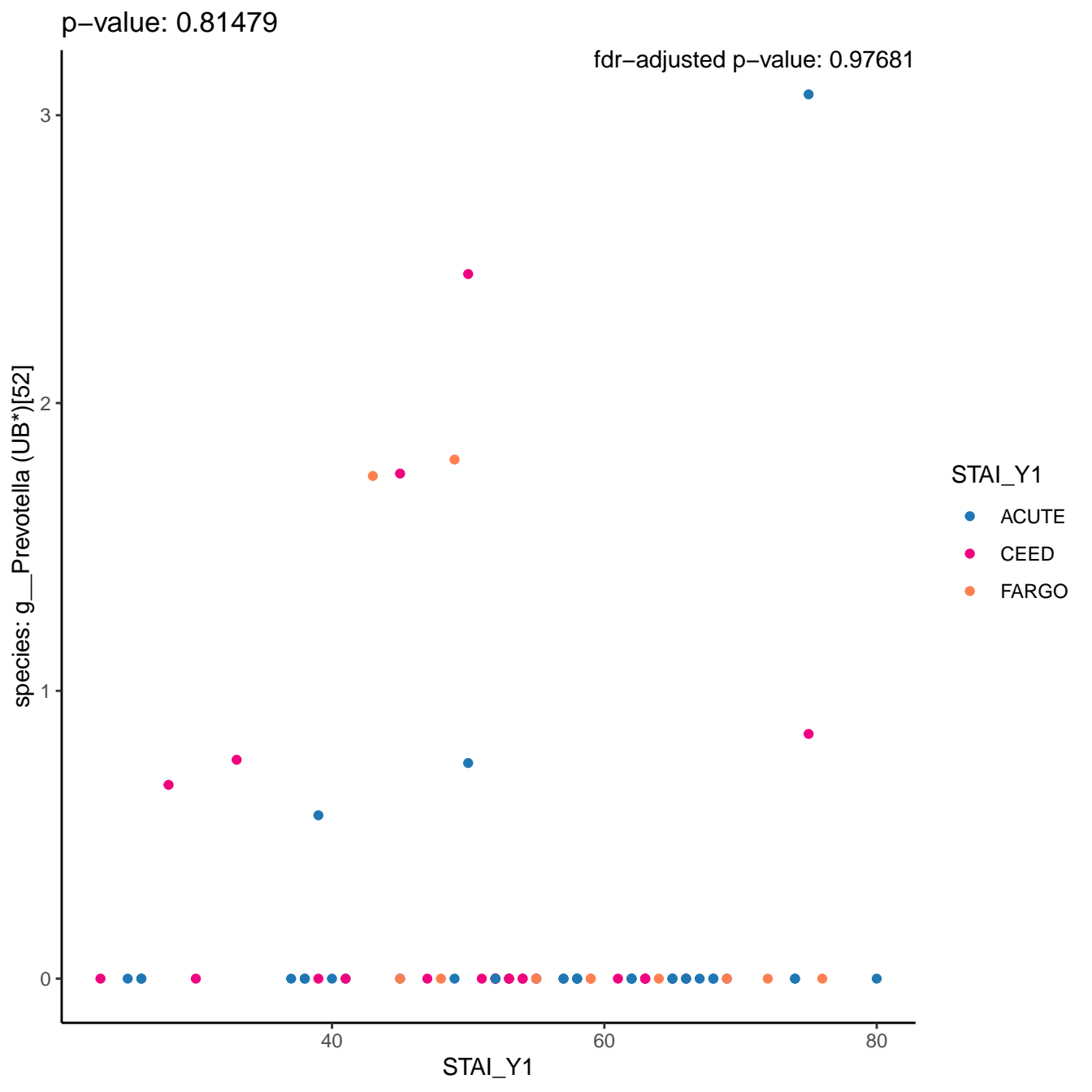
80

3

2

1

0



p-value: 0.81958

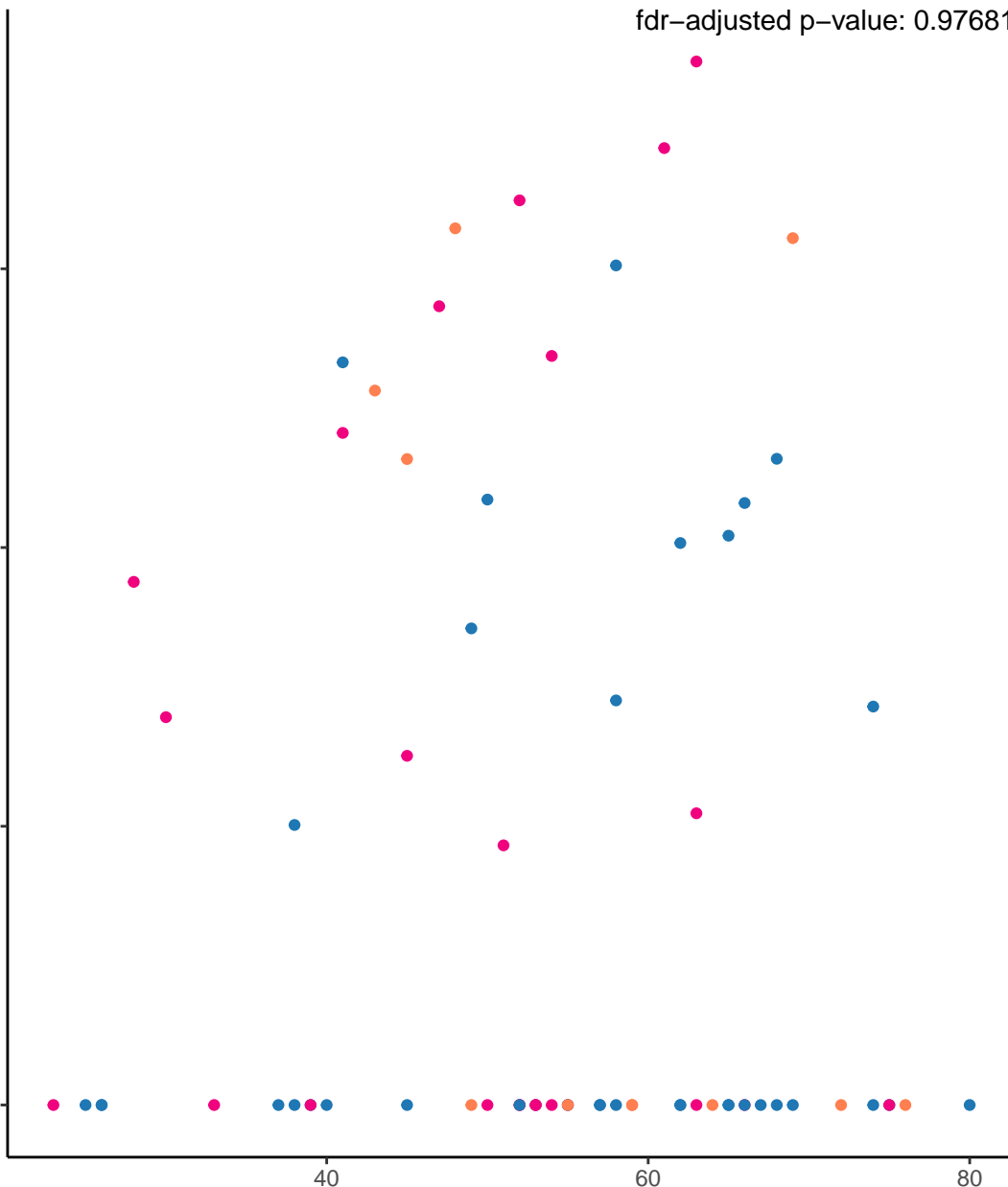
fdr-adjusted p-value: 0.97681

species: g\_\_Christensenellaceae\_R.7\_group (UB\*)[43]

STAI\_Y1

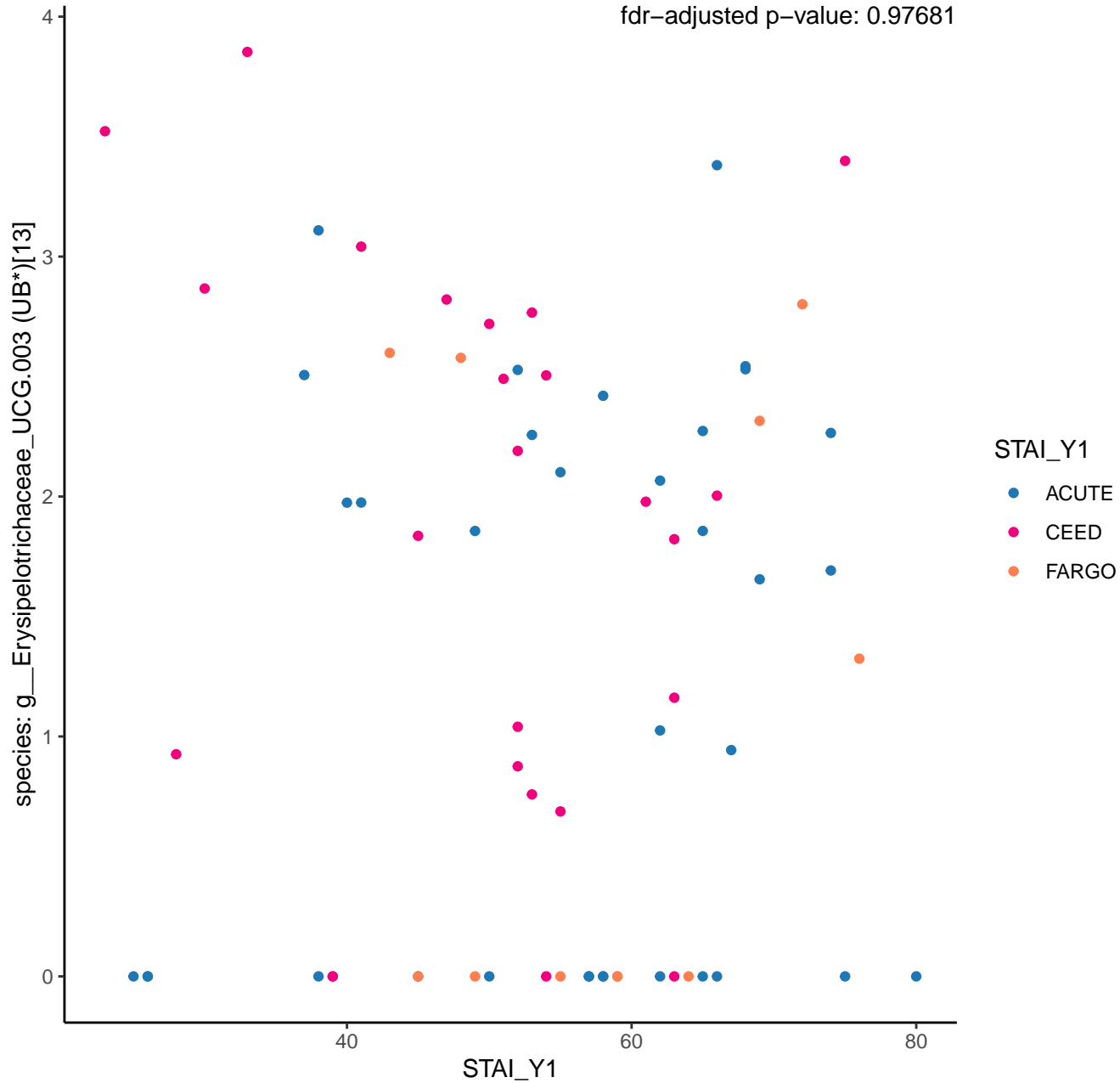
- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.82209

fdr-adjusted p-value: 0.97681



p-value: 0.82455

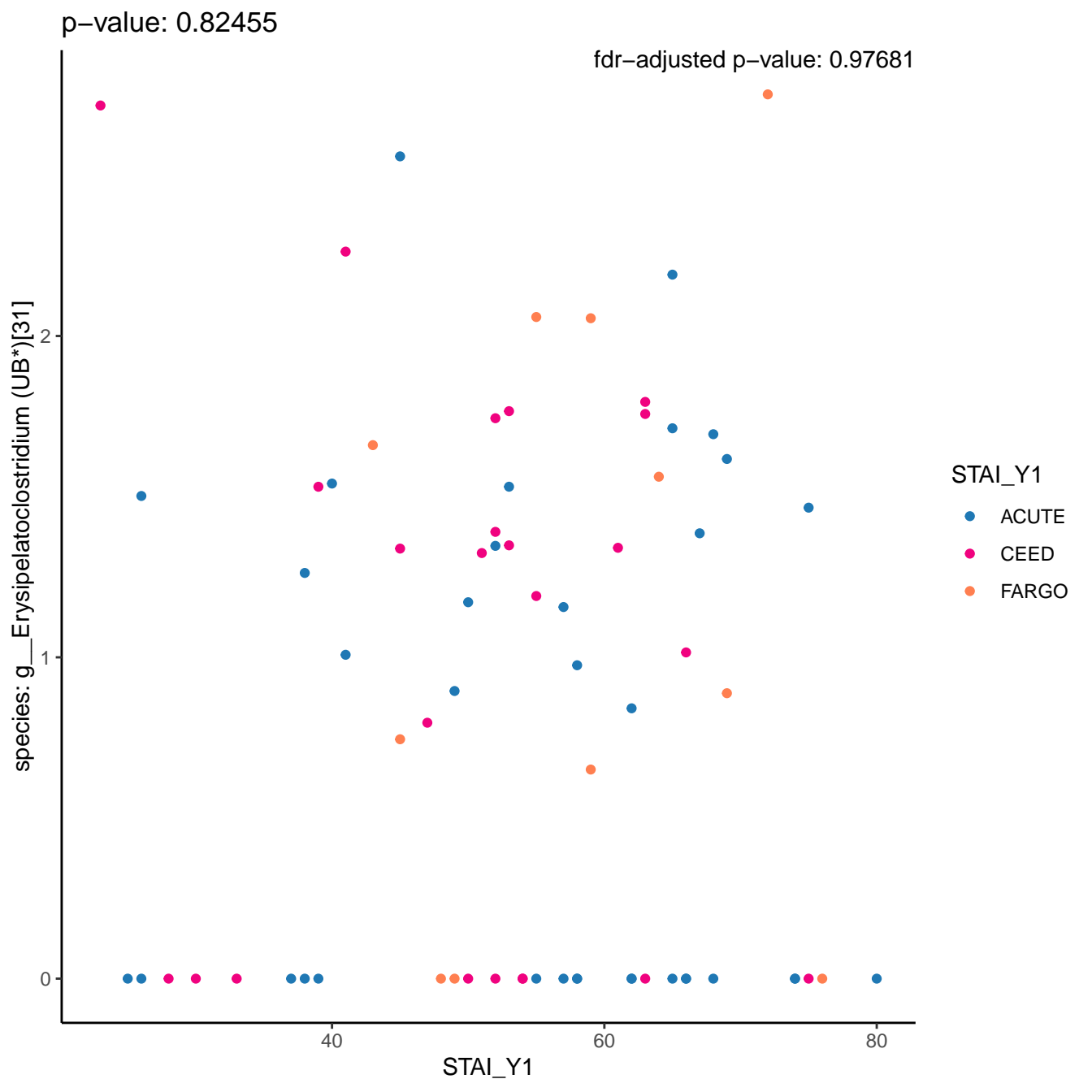
fdr-adjusted p-value: 0.97681

species: g\_\_Erysipelatoclostridium (UB\*)[31]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



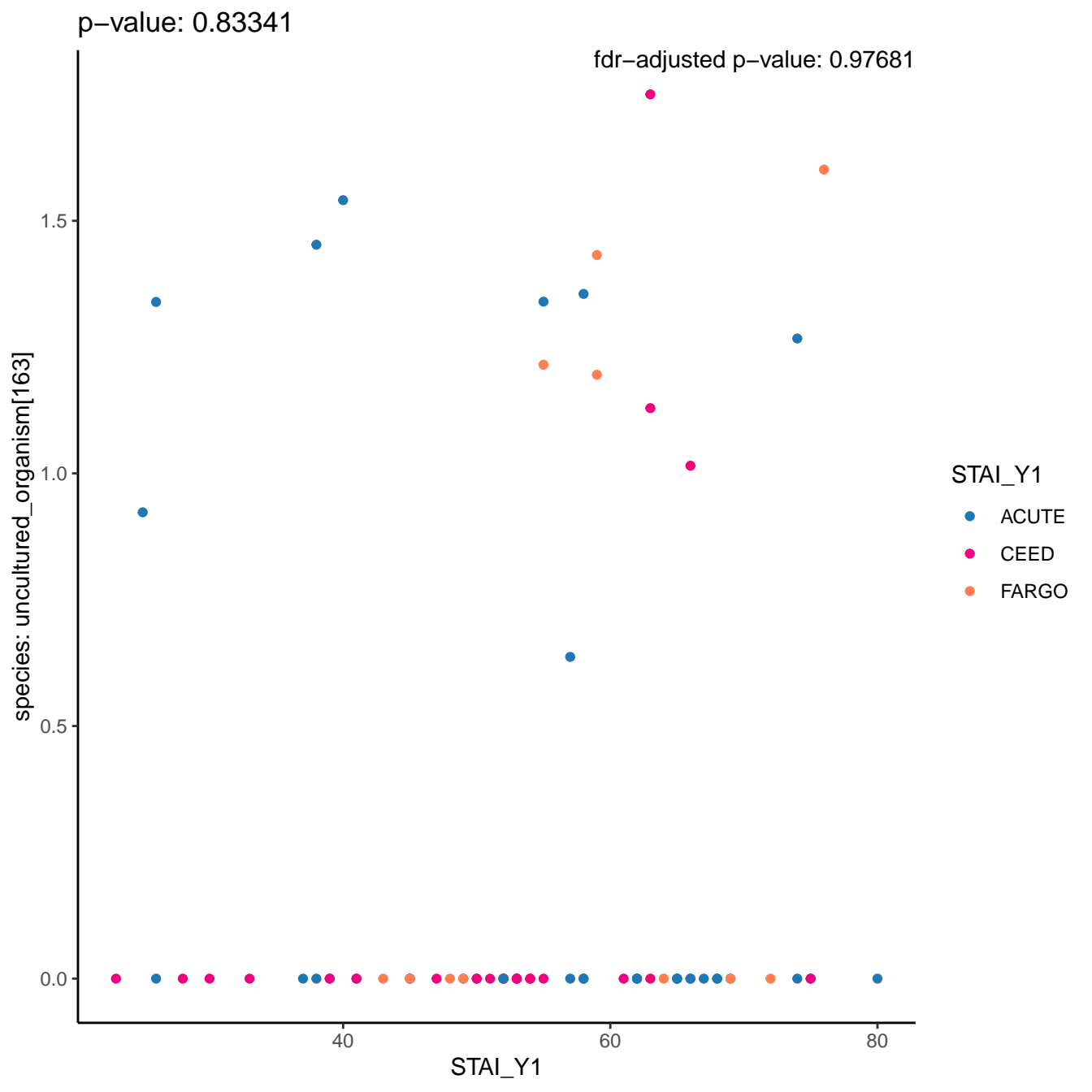
p-value: 0.83341

fdr-adjusted p-value: 0.97681

species: uncultured\_organism[163]

STAI\_Y1

- ACUTE
- CEED
- FARGO



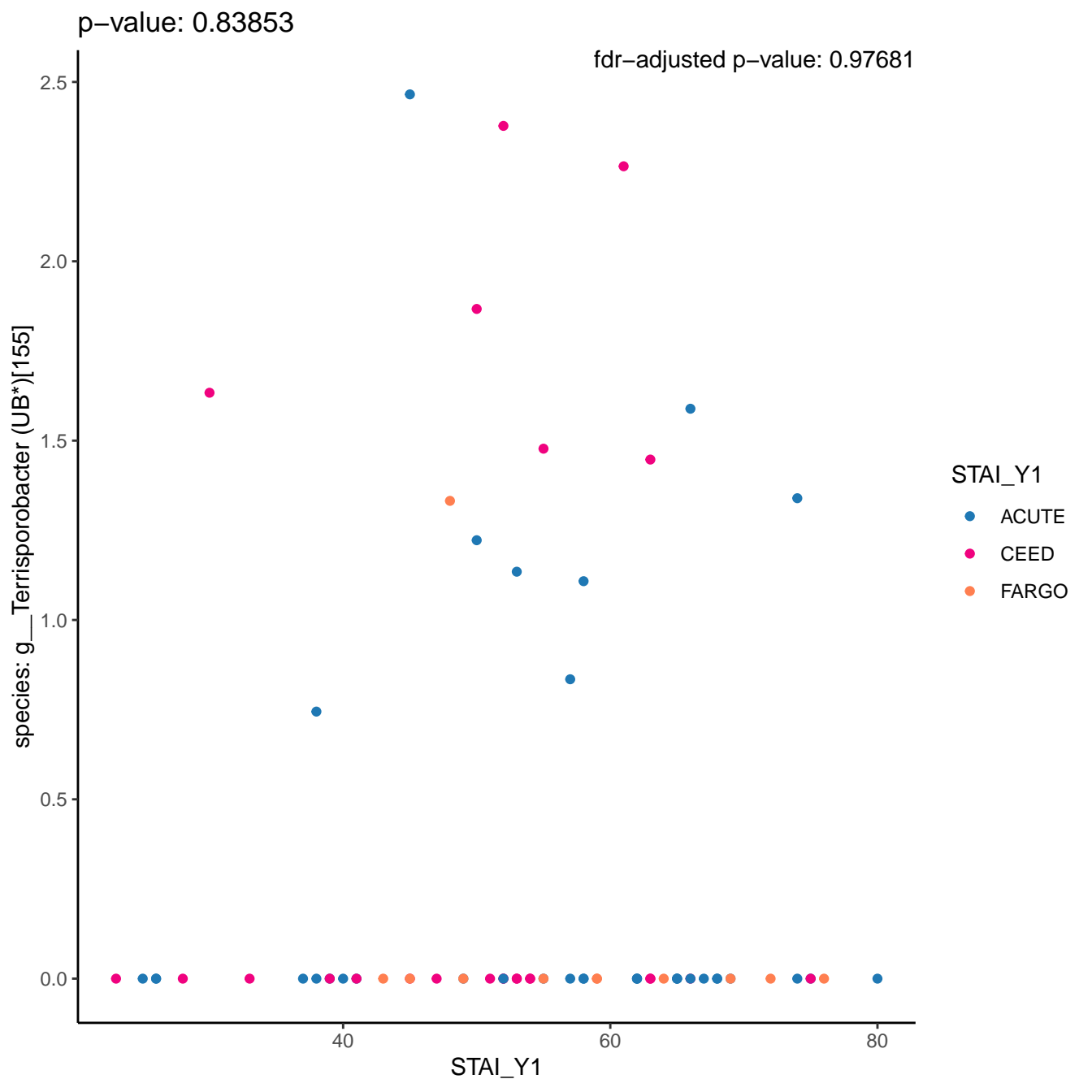
p-value: 0.83853

fdr-adjusted p-value: 0.97681

species: g\_\_Terrisporobacter (UB\*)[155]

STAI\_Y1

- ACUTE
- CEED
- FARGO



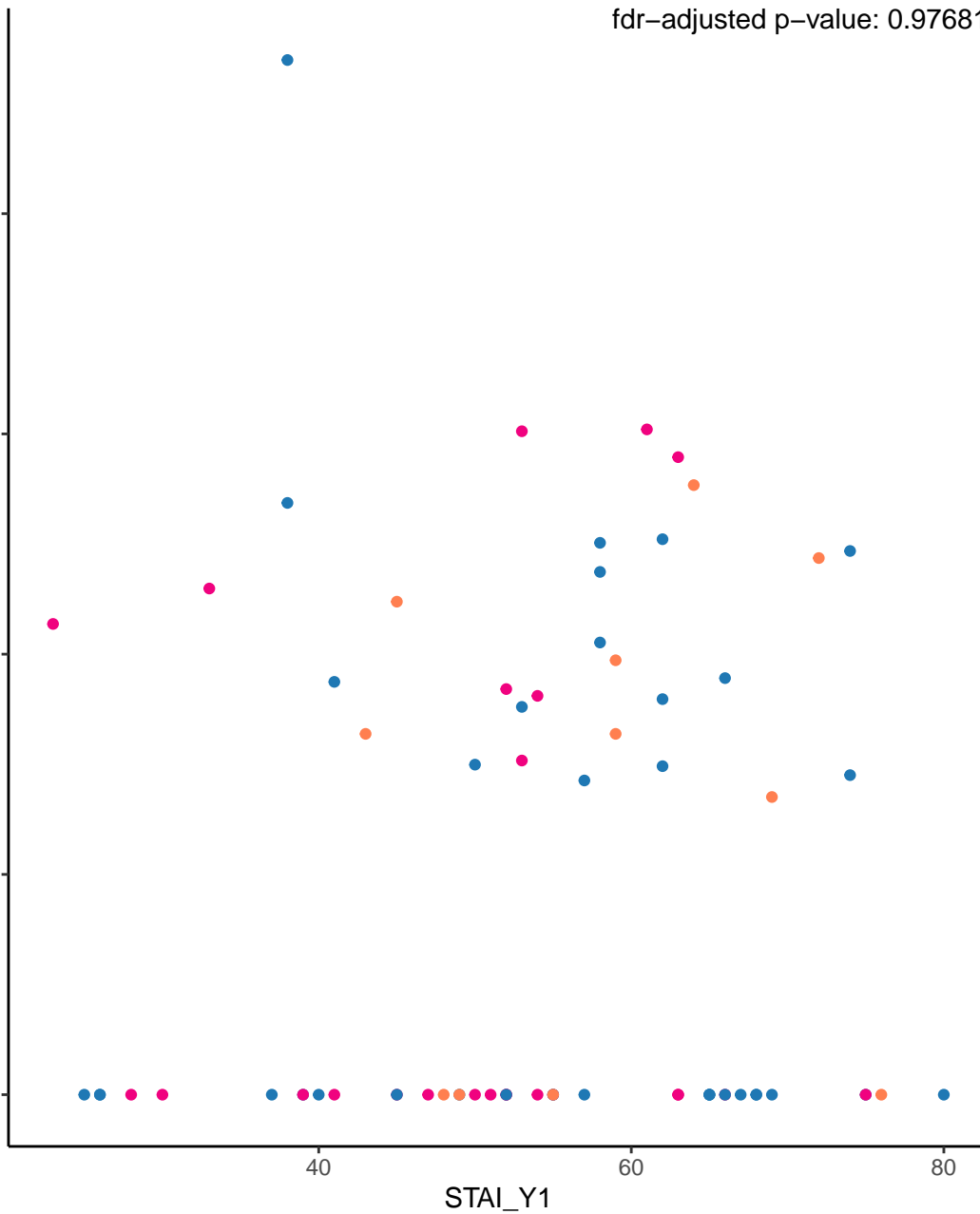
p-value: 0.83971

fdr-adjusted p-value: 0.97681

species: *Eubacterium.\_fissicatena\_group.[168]*

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.84887

fdr-adjusted p-value: 0.97681

species: g\_\_Lachnospiraceae\_UCG.001 (UB\*)[153]

STAI\_Y1

● ACUTE  
● CEED  
● FARGO

0.0

0.5

1.0

1.5

STAI\_Y1

40

60

80



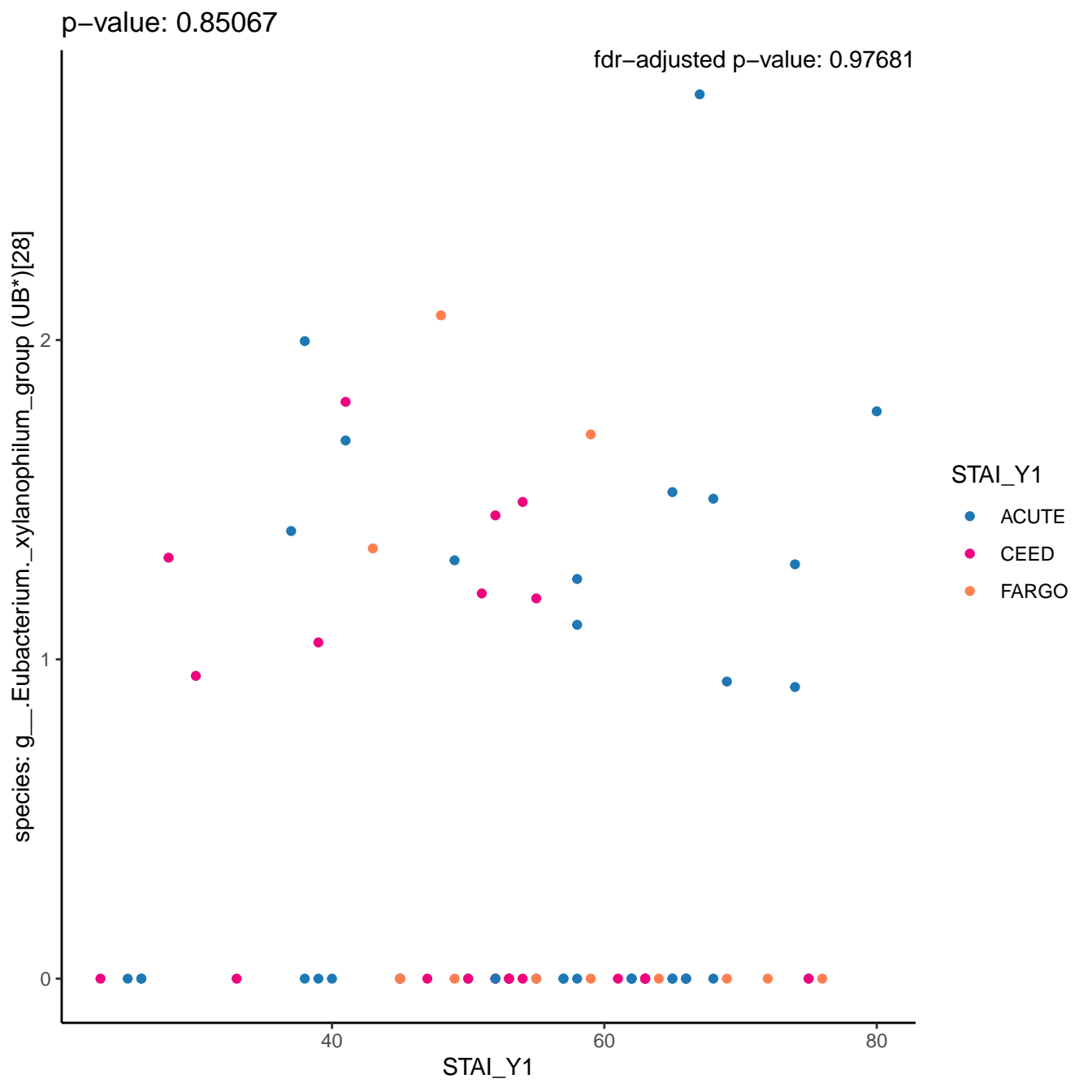
p-value: 0.85067

fdr-adjusted p-value: 0.97681

species: g\_\_Eubacterium\_xylanophilum\_group (UB\*)[28]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.85777

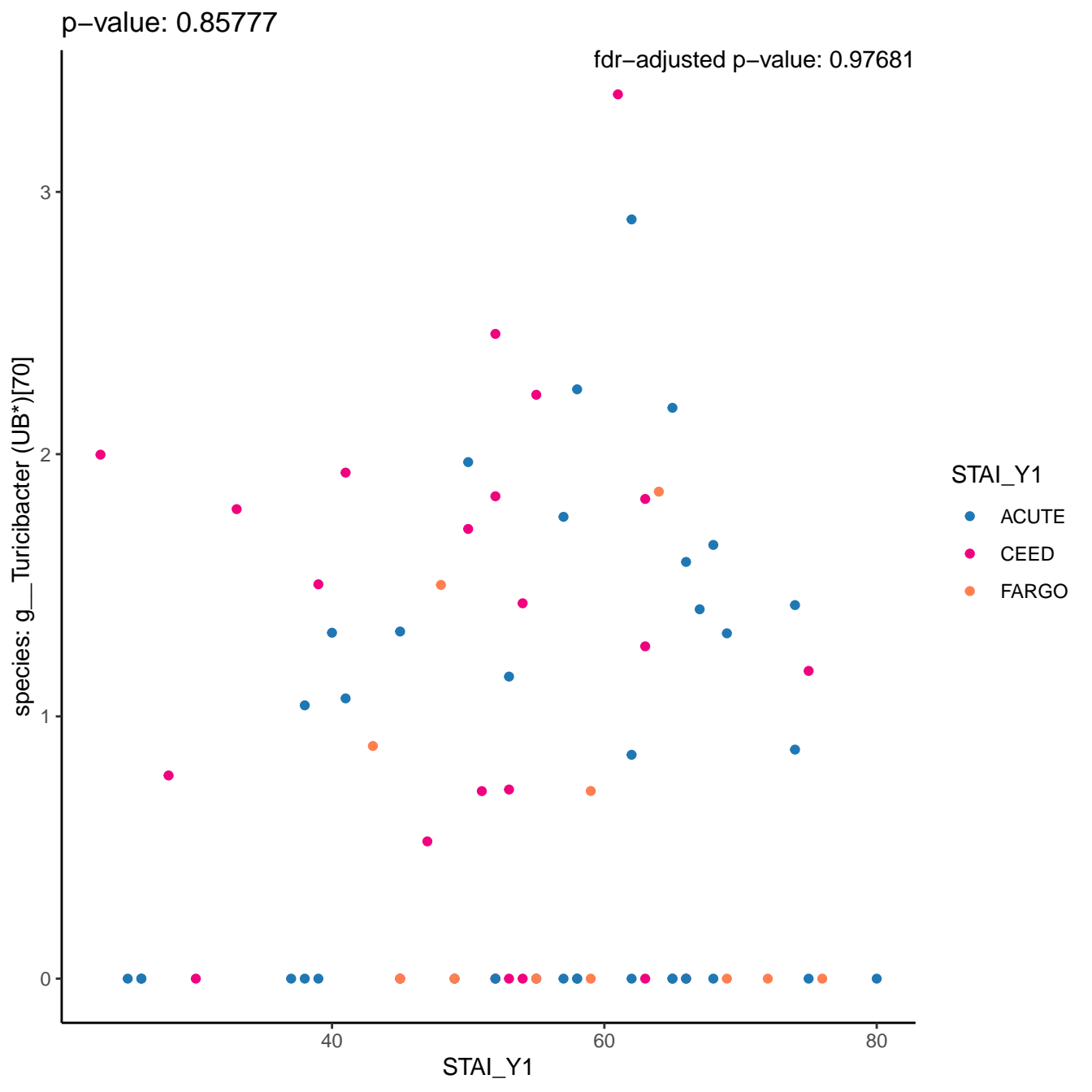
fdr-adjusted p-value: 0.97681

species: g\_\_Turicibacter (UB\*)[70]

STAI\_Y1

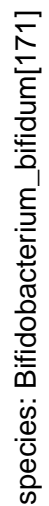
- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.86885

fdr-adjusted p-value: 0.97681



STAI\_Y1

ACUTE

- CEED

FARGO

40 STAI\_Y1

60

80

p-value: 0.87003

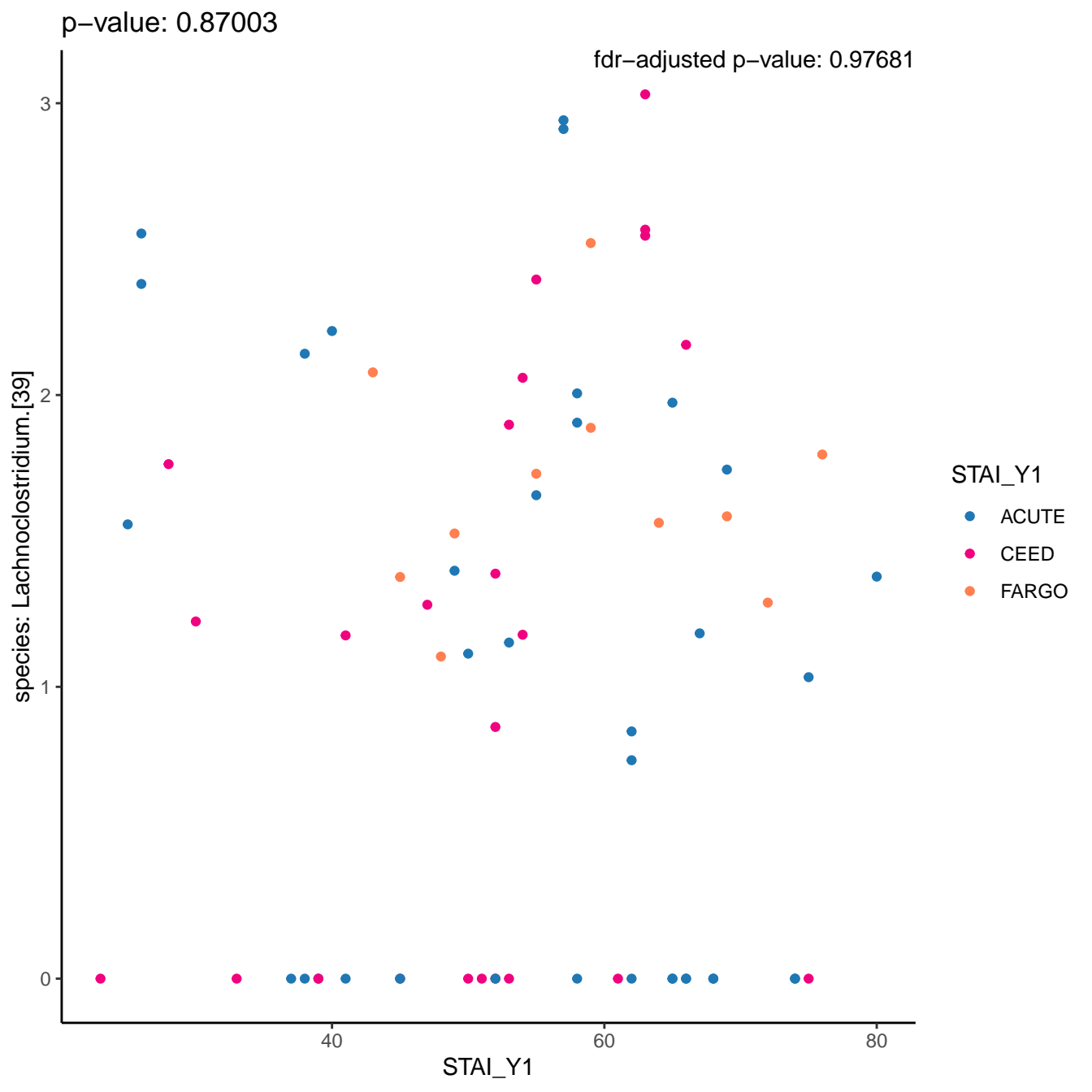
fdr-adjusted p-value: 0.97681

species: *Lachnospiridium*. [39]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.87247

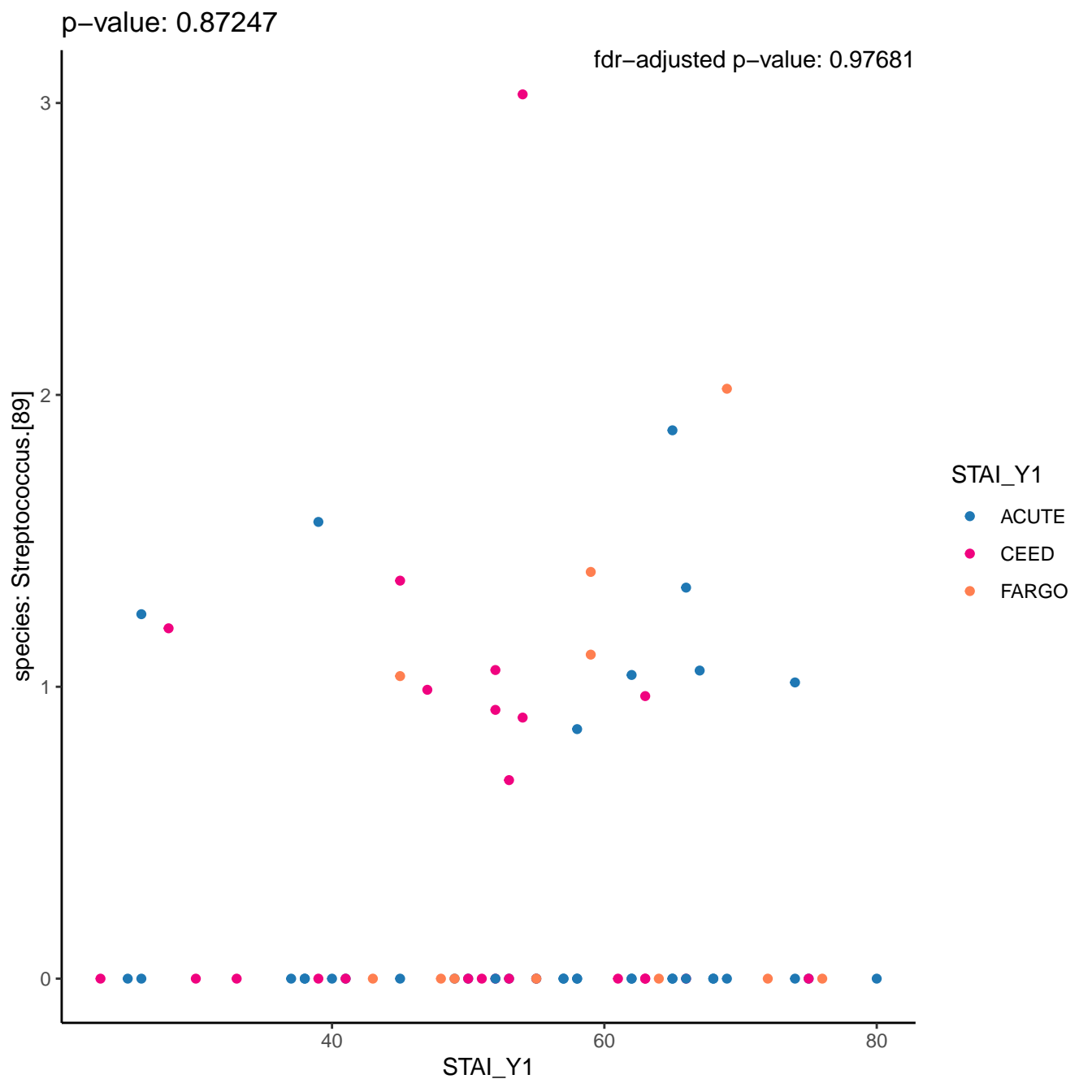
fdr-adjusted p-value: 0.97681

species: Streptococcus.[89]

STAI\_Y1

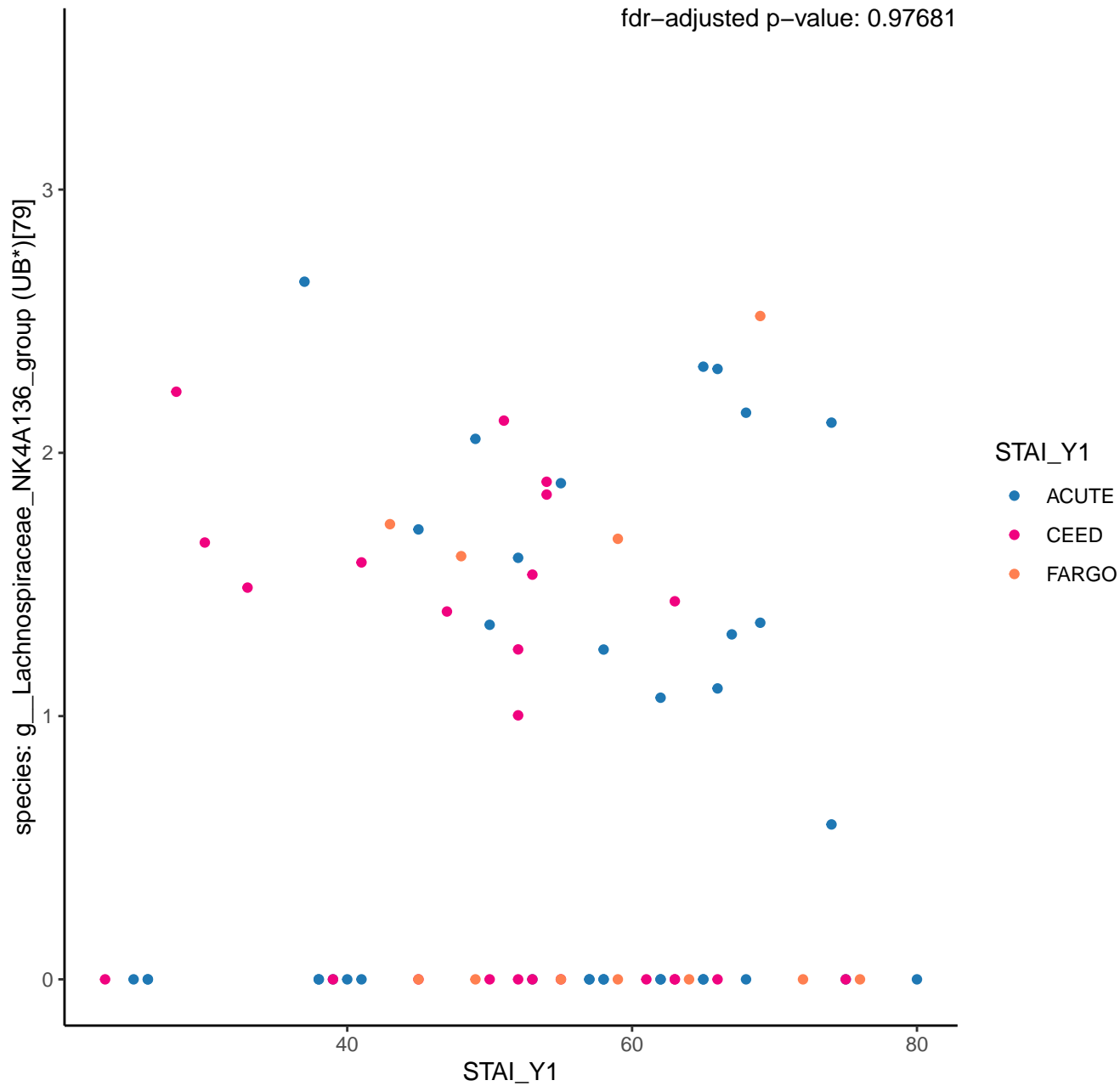
- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.88107

fdr-adjusted p-value: 0.97681



p-value: 0.90052

fdr-adjusted p-value: 0.97681

species: g\_\_RF39 (UB\*)[110]

STAI\_Y1

- ACUTE
- CEED
- FARGO



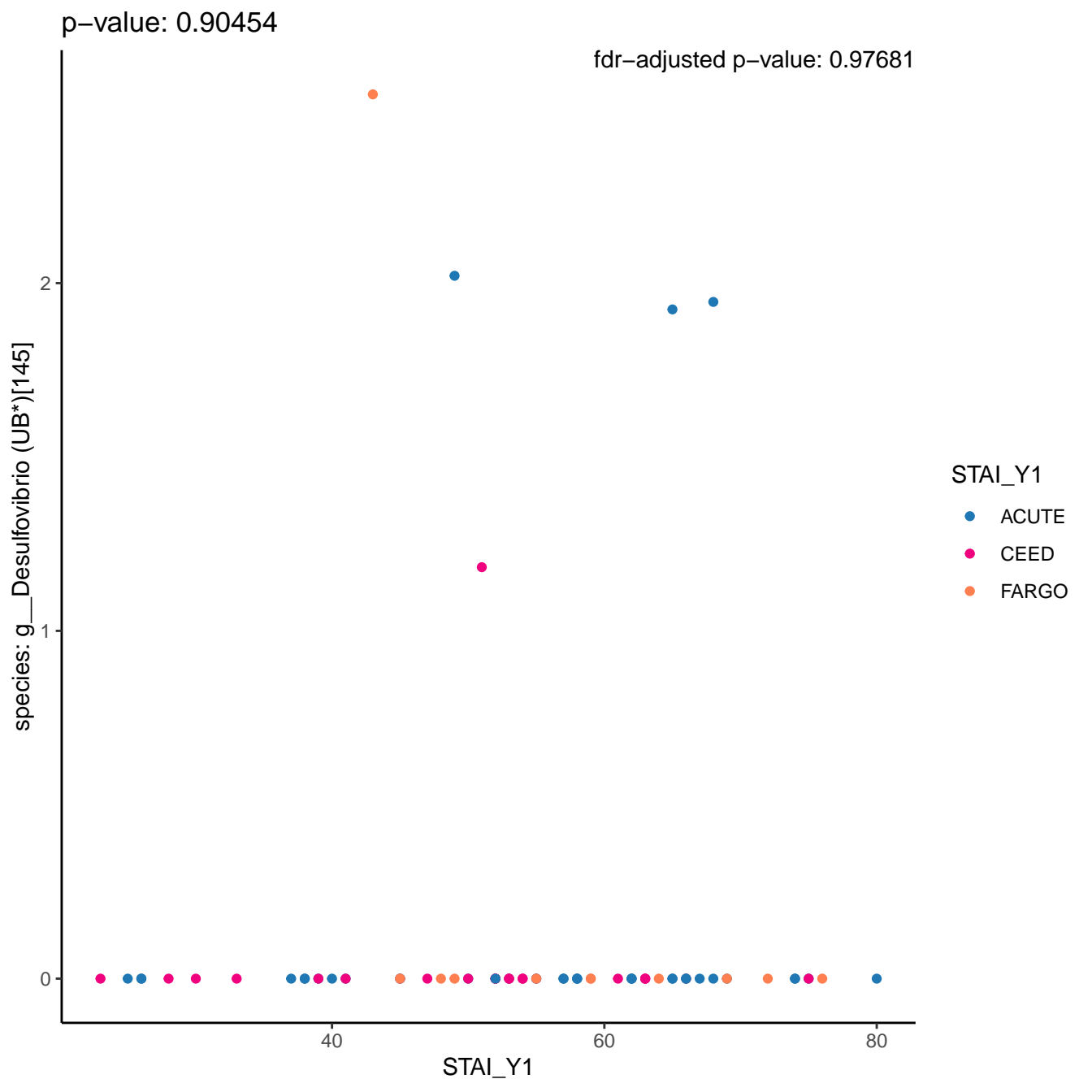
p-value: 0.90454

fdr-adjusted p-value: 0.97681

species: g\_\_Desulfovibrio (UB\*)[145]

STAI\_Y1

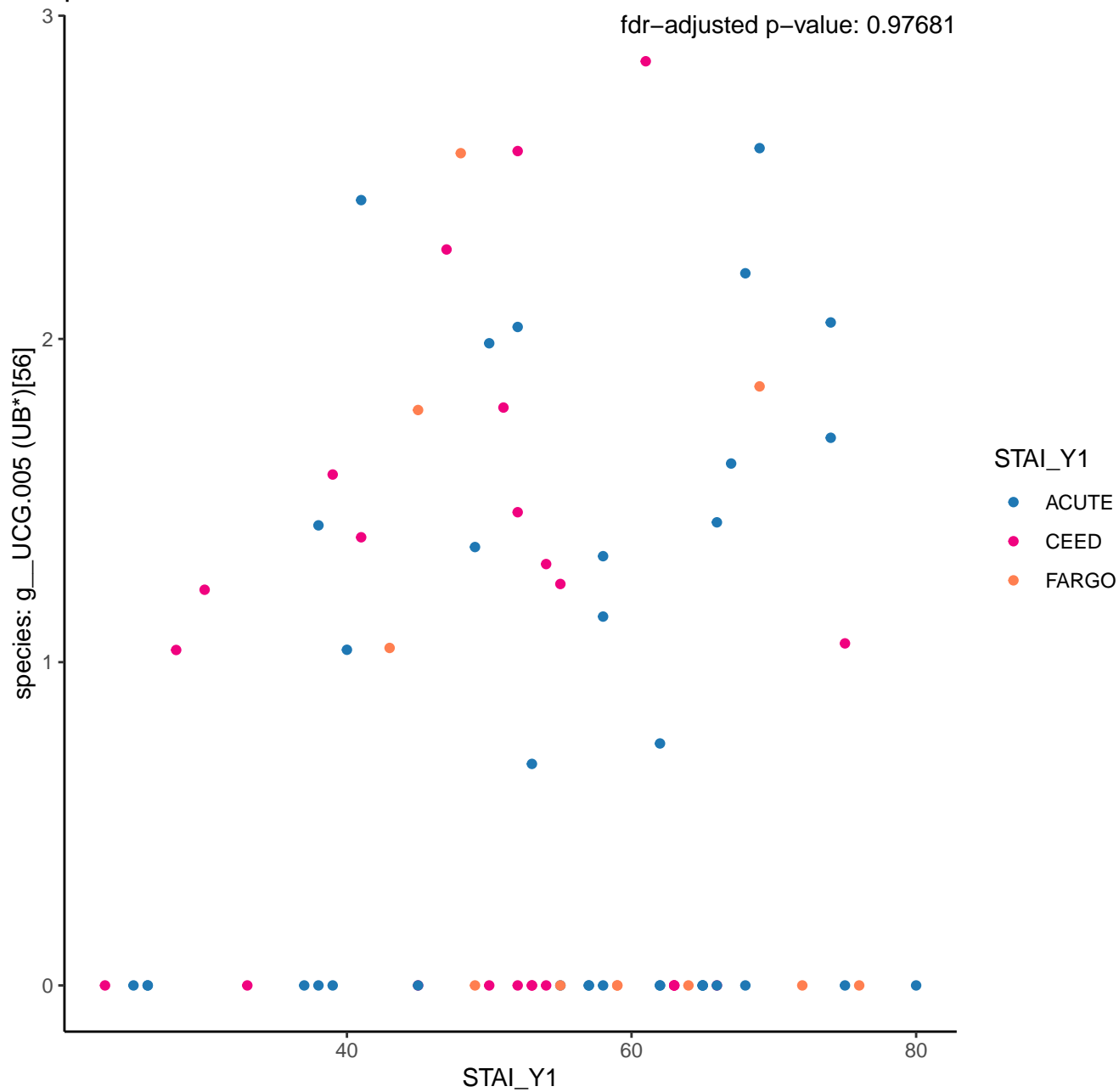
- ACUTE
- CEED
- FARGO





p-value: 0.90484

fdr-adjusted p-value: 0.97681



p-value: 0.90774

fdr-adjusted p-value: 0.97681

species: g\_\_uncultured (UB\*)[158]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.91393

fdr-adjusted p-value: 0.97681

species: *Escherichia.Shigella*. [128]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.91561

fdr-adjusted p-value: 0.97681

species: g\_\_Fusicatenibacter (UB\*)[40]

STAI\_Y1

ACUTE

CEED

FARGO

0

1

2

3

STAI\_Y1

40

60

80

p-value: 0.93035

fdr-adjusted p-value: 0.97681

species: Lactobacillus.[85]

STAI\_Y1

ACUTE

CEED

FARGO

0

STAI\_Y1

60

80

2

1

p-value: 0.93166

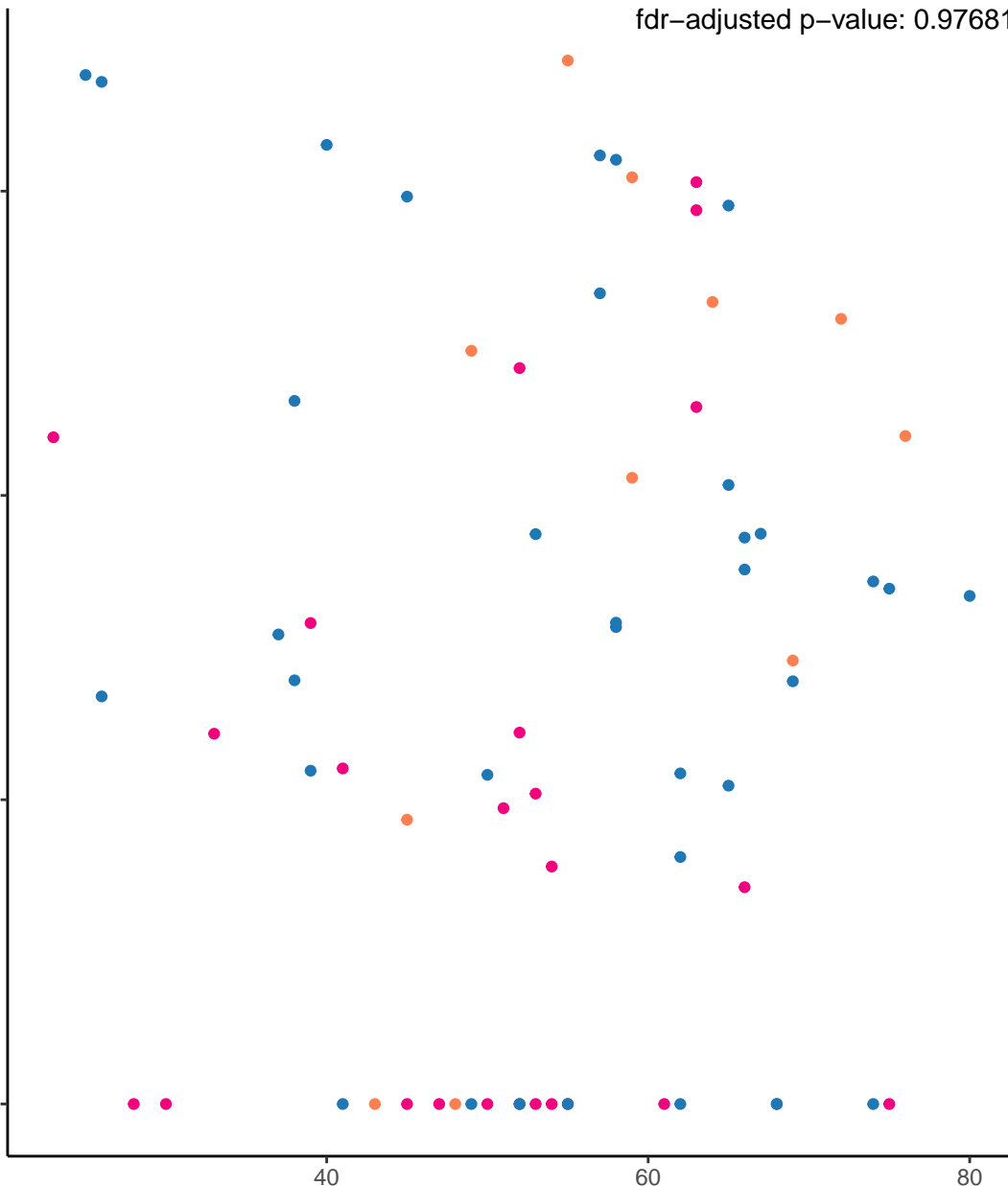
fdr-adjusted p-value: 0.97681

species: *Erysipelatoclostridium*. [77]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



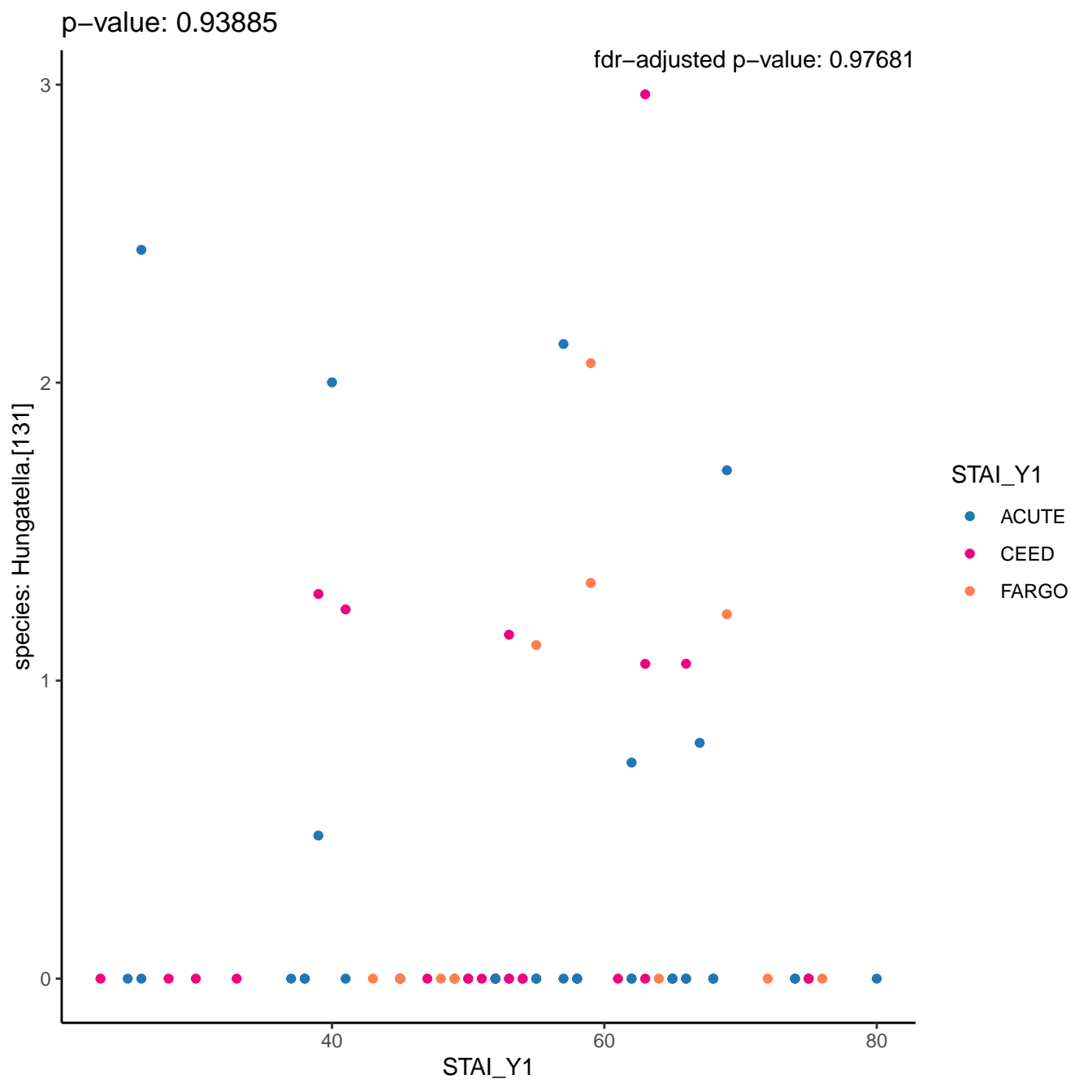
p-value: 0.93885

fdr-adjusted p-value: 0.97681

species: Hungatella.[131]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.9429

fdr-adjusted p-value: 0.97681

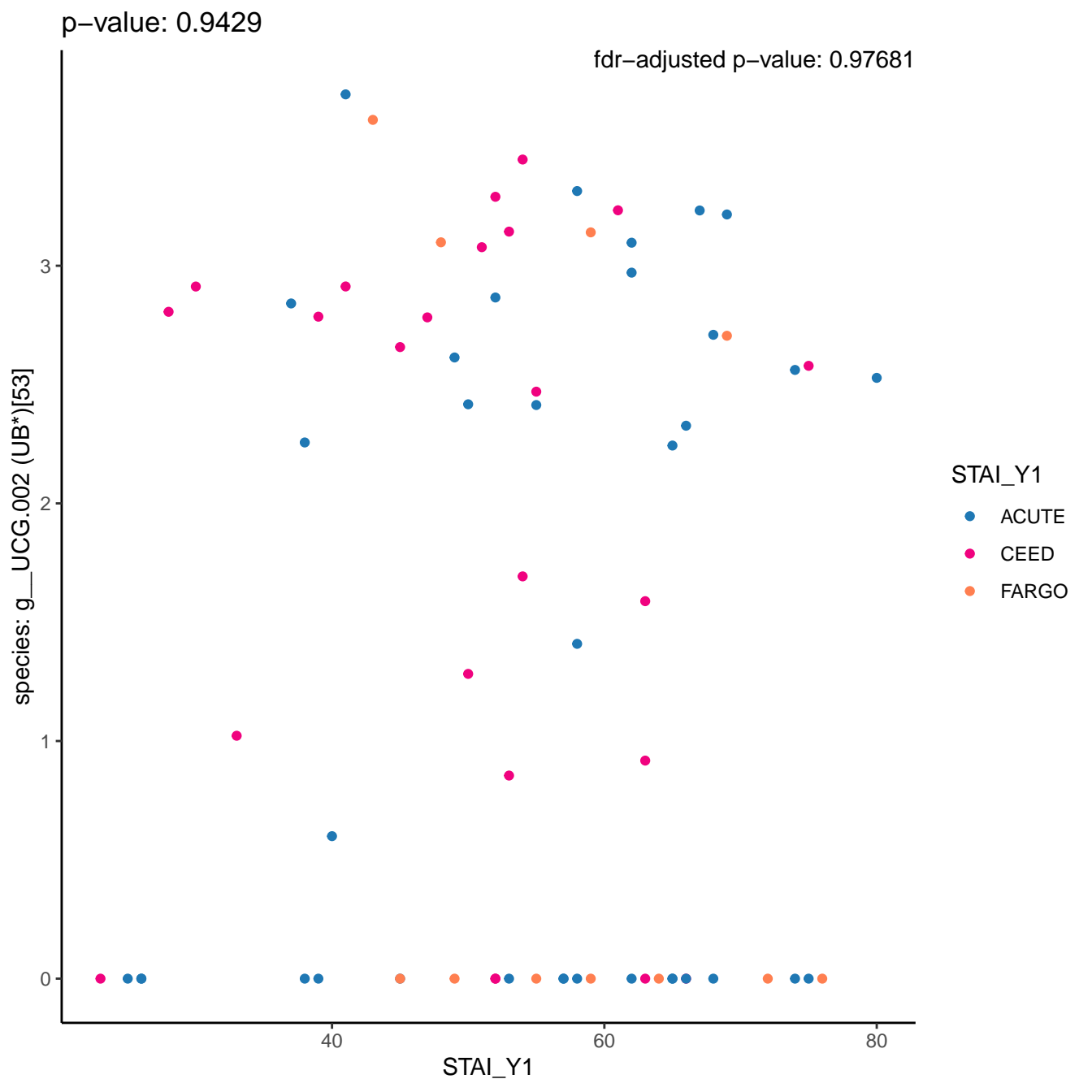
species: g\_\_UCG.002 (UB\*)[53]

STAI\_Y1

ACUTE

CEED

FARGO





p-value: 0.94518

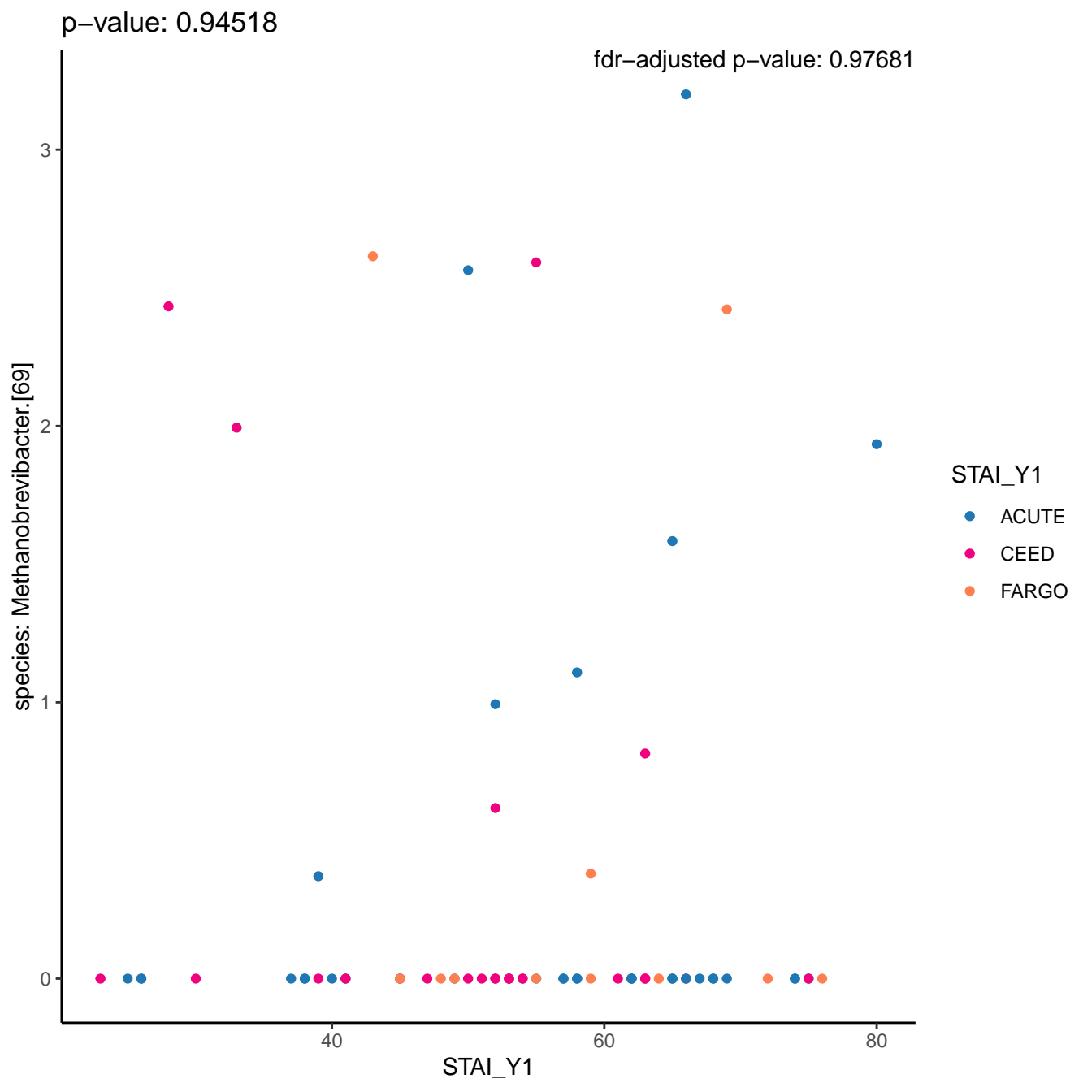
fdr-adjusted p-value: 0.97681

species: Methanobrevibacter. [69]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



p-value: 0.94568

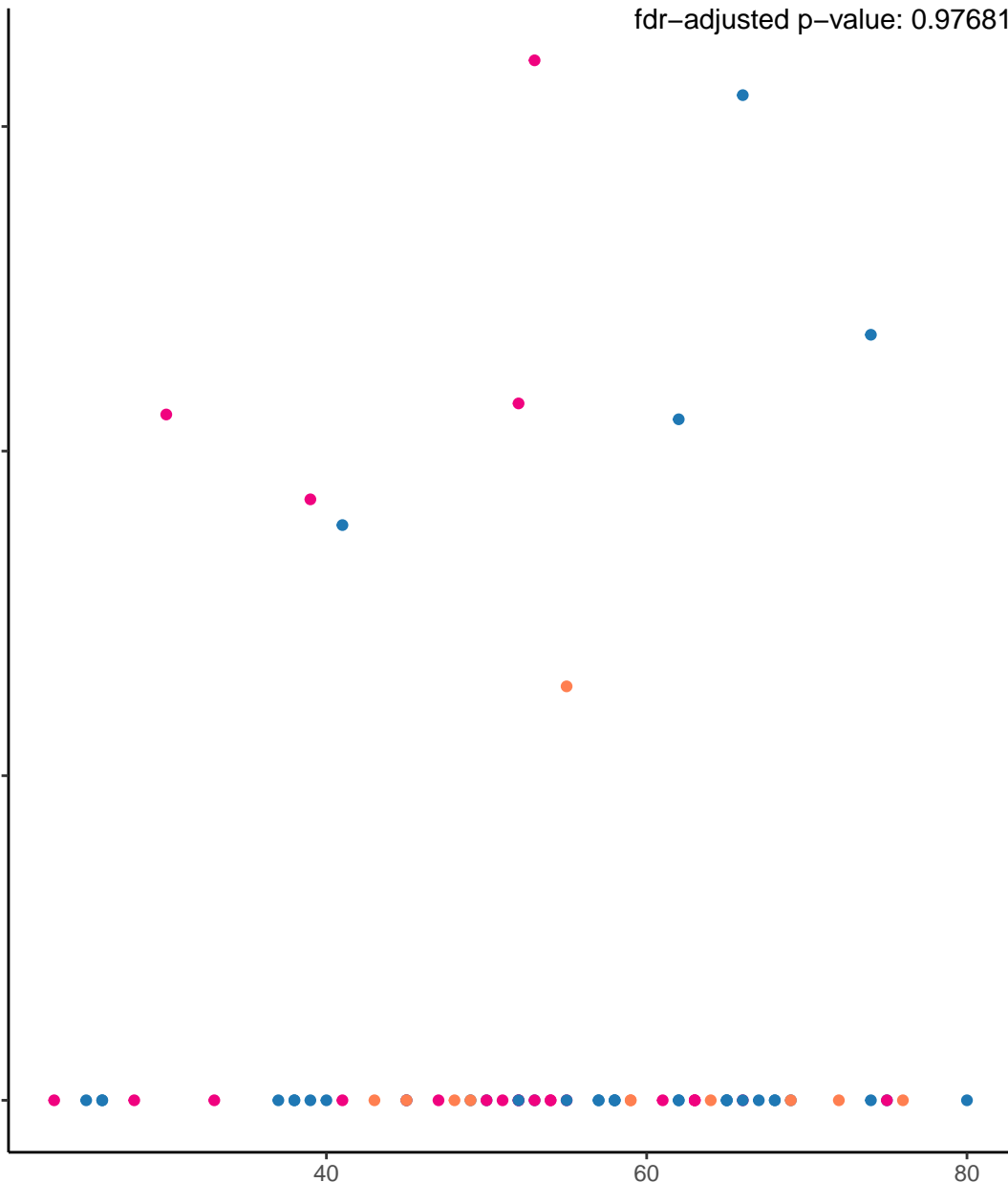
fdr-adjusted p-value: 0.97681

species: uncultured\_organism[59]

STAI\_Y1

- ACUTE
- CEED
- FARGO

STAI\_Y1



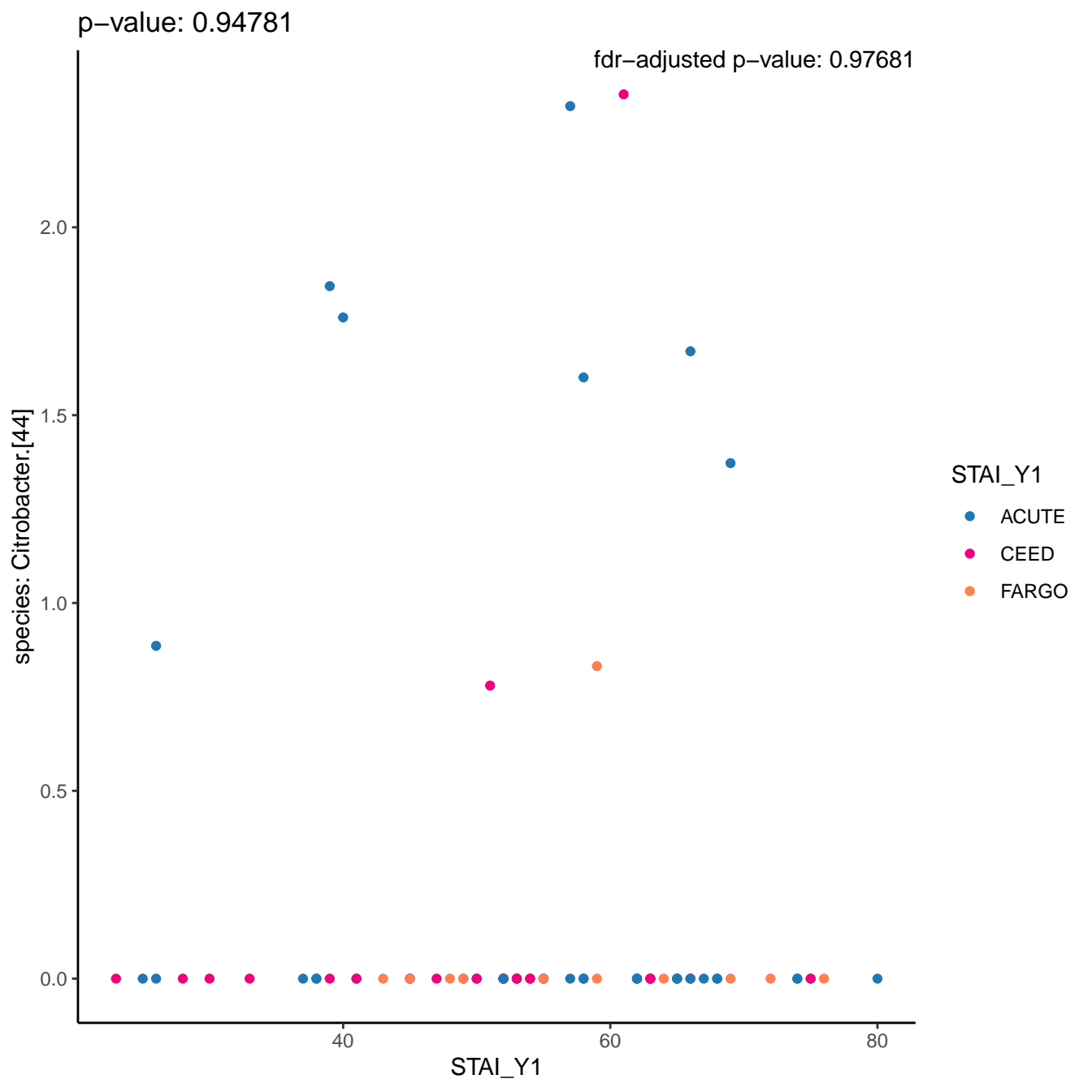
p-value: 0.94781

fdr-adjusted p-value: 0.97681

species: Citrobacter.[44]

STAI\_Y1

ACUTE  
CEED  
FARGO



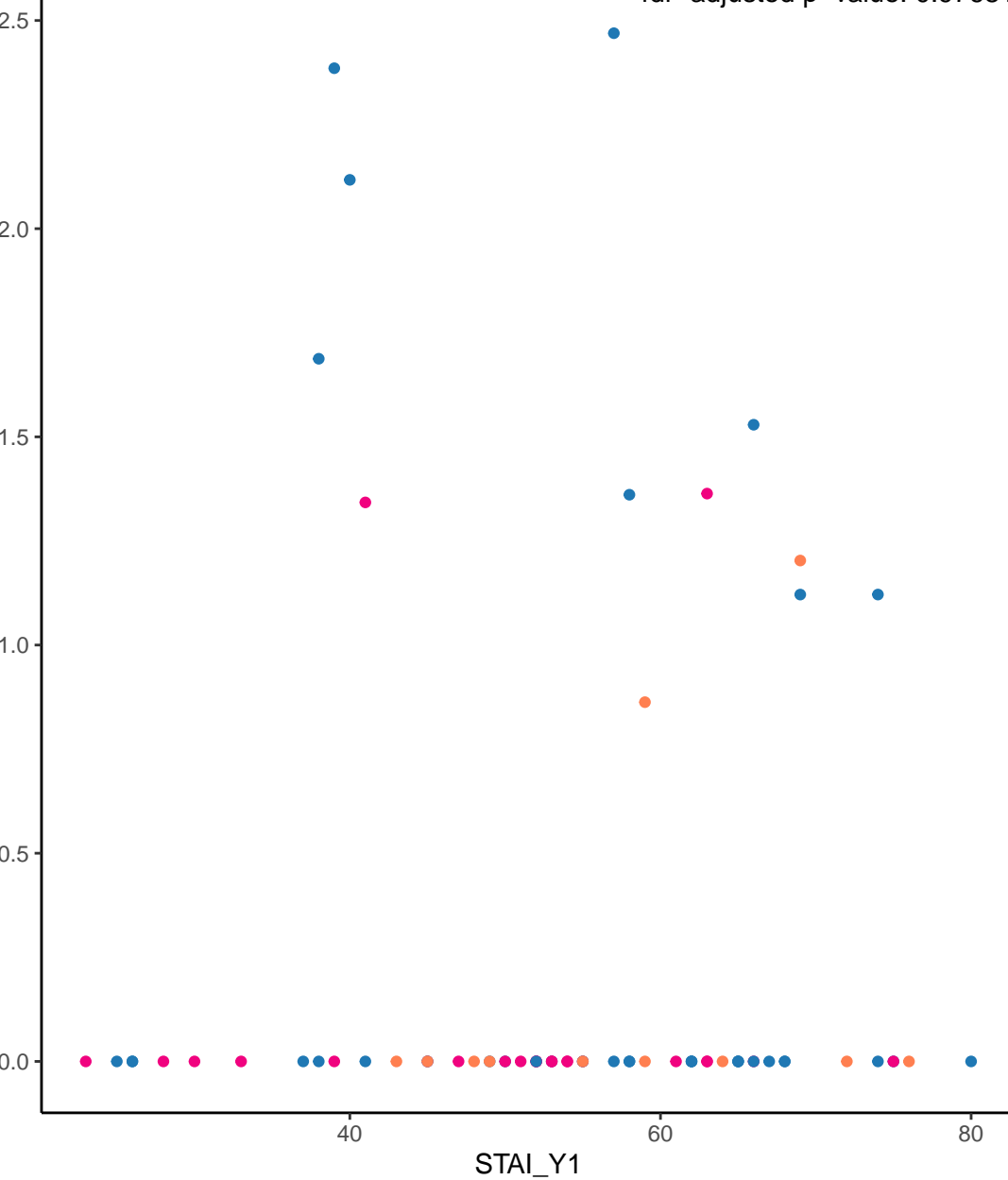
p-value: 0.95238

fdr-adjusted p-value: 0.97681

species: *Veillonella*. [27]

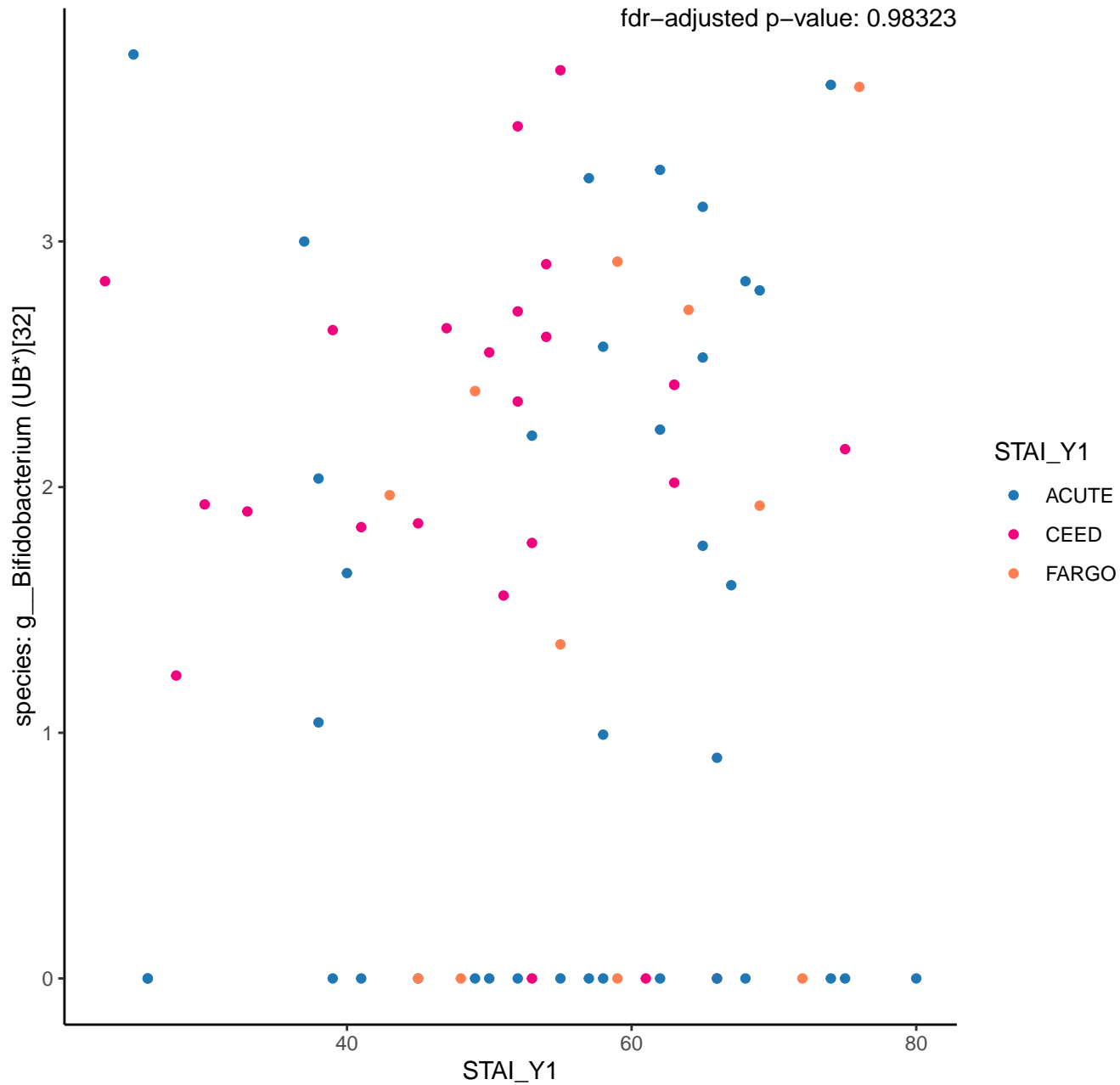
STAI\_Y1

ACUTE  
CEED  
FARGO



p-value: 0.97193

fdr-adjusted p-value: 0.98323



p-value: 0.97574

fdr-adjusted p-value: 0.98323

species: Solobacterium.[143]

STAI\_Y1

- ACUTE
- CEED
- FARGO

0

1

2

STAI\_Y1

60

80

40

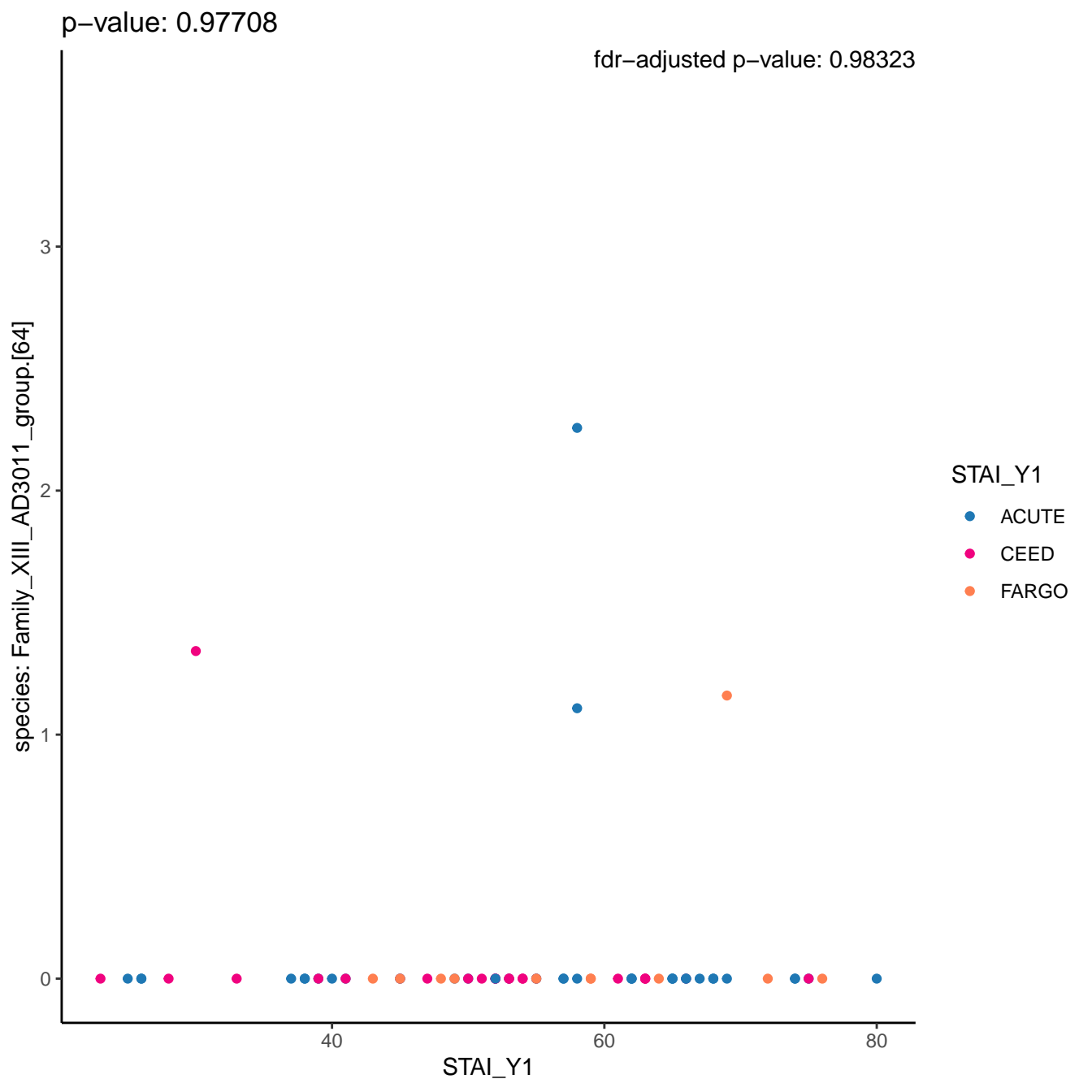
p-value: 0.97708

fdr-adjusted p-value: 0.98323

species: Family\_XIII\_AD3011\_group.[64]

STAI\_Y1

- ACUTE
- CEED
- FARGO



p-value: 0.99599

fdr-adjusted p-value: 0.99599

species: Cloacibacillus.[173]

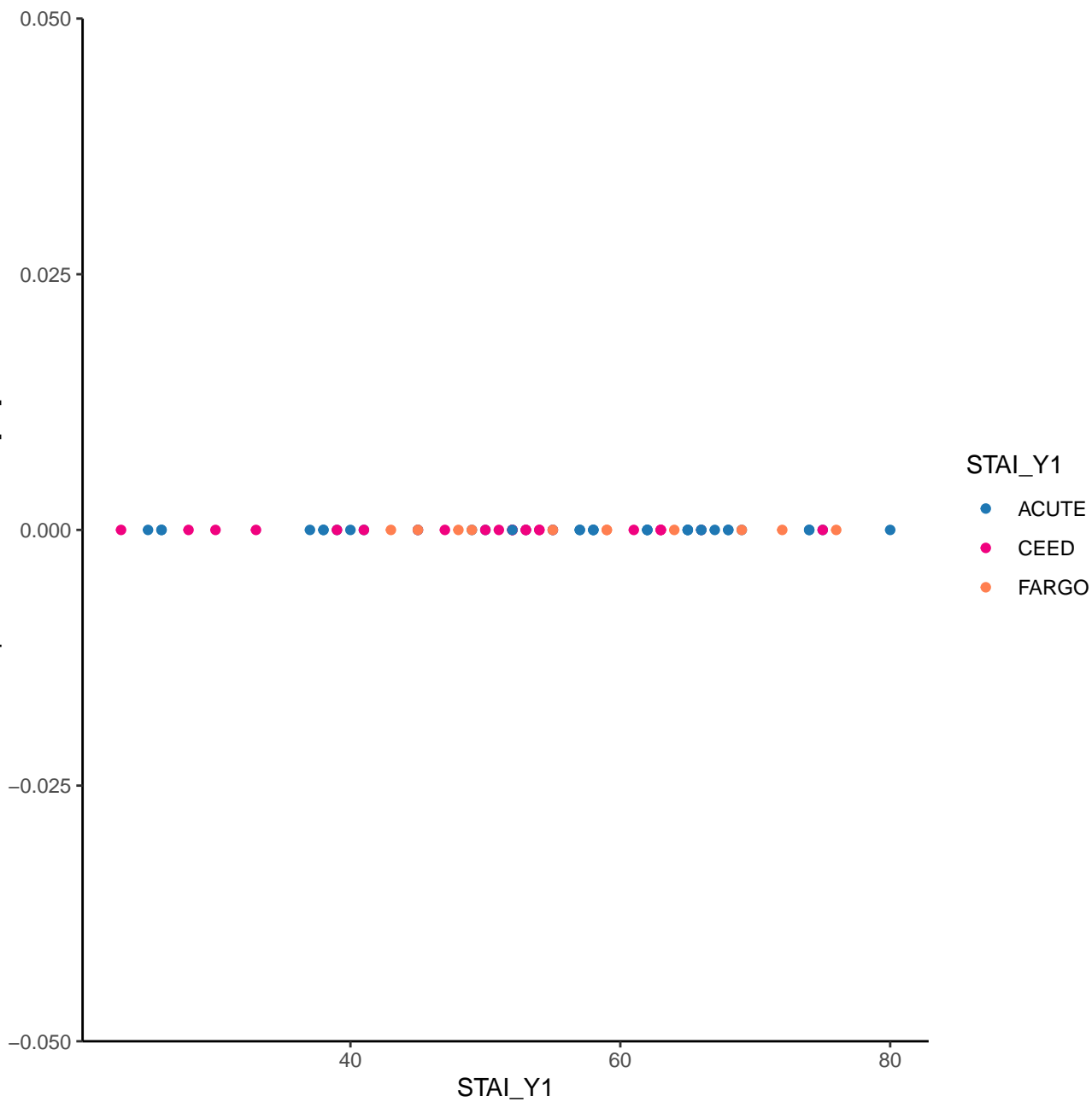
STAI\_Y1

- ACUTE
- CEED
- FARGO

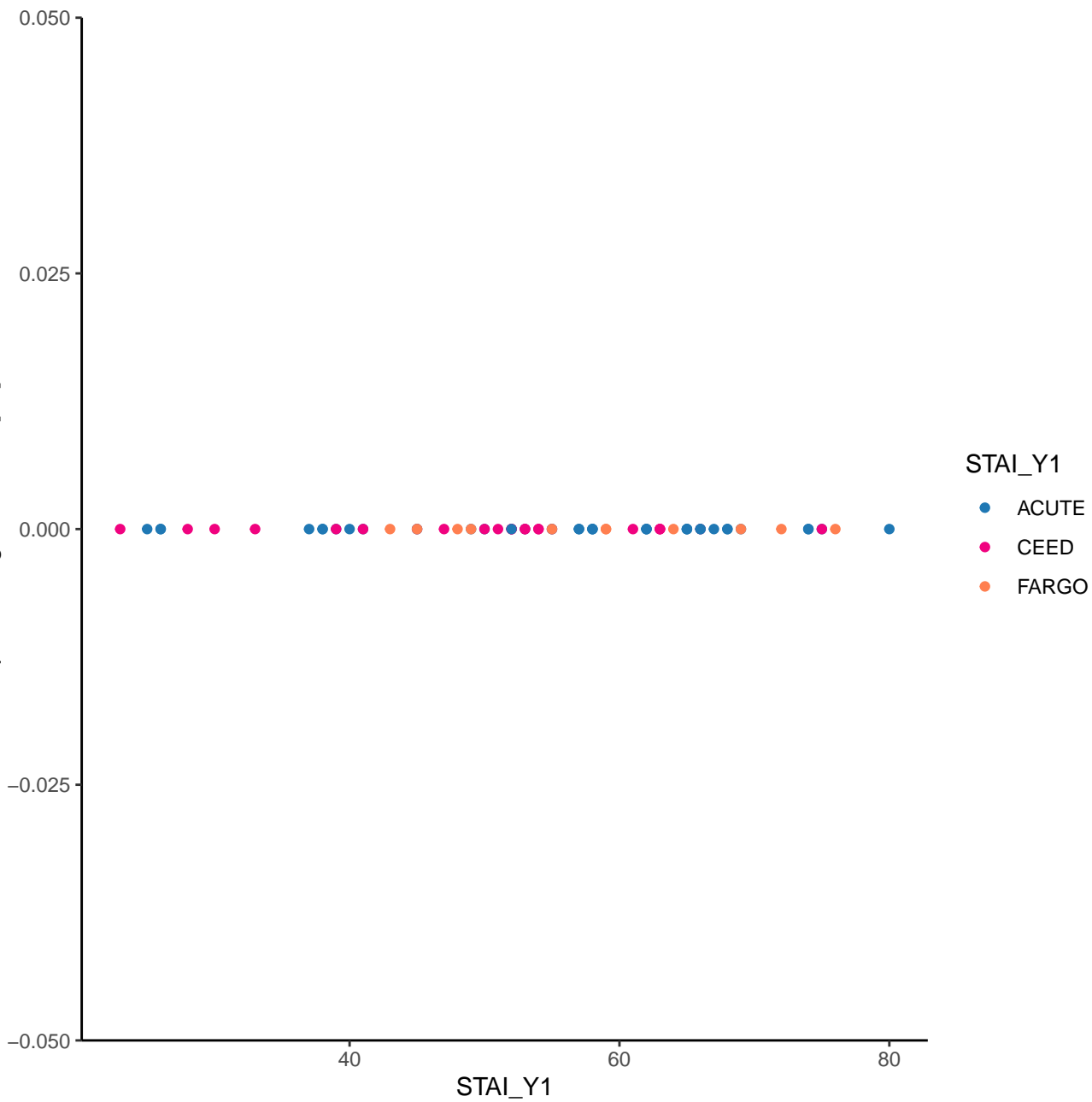




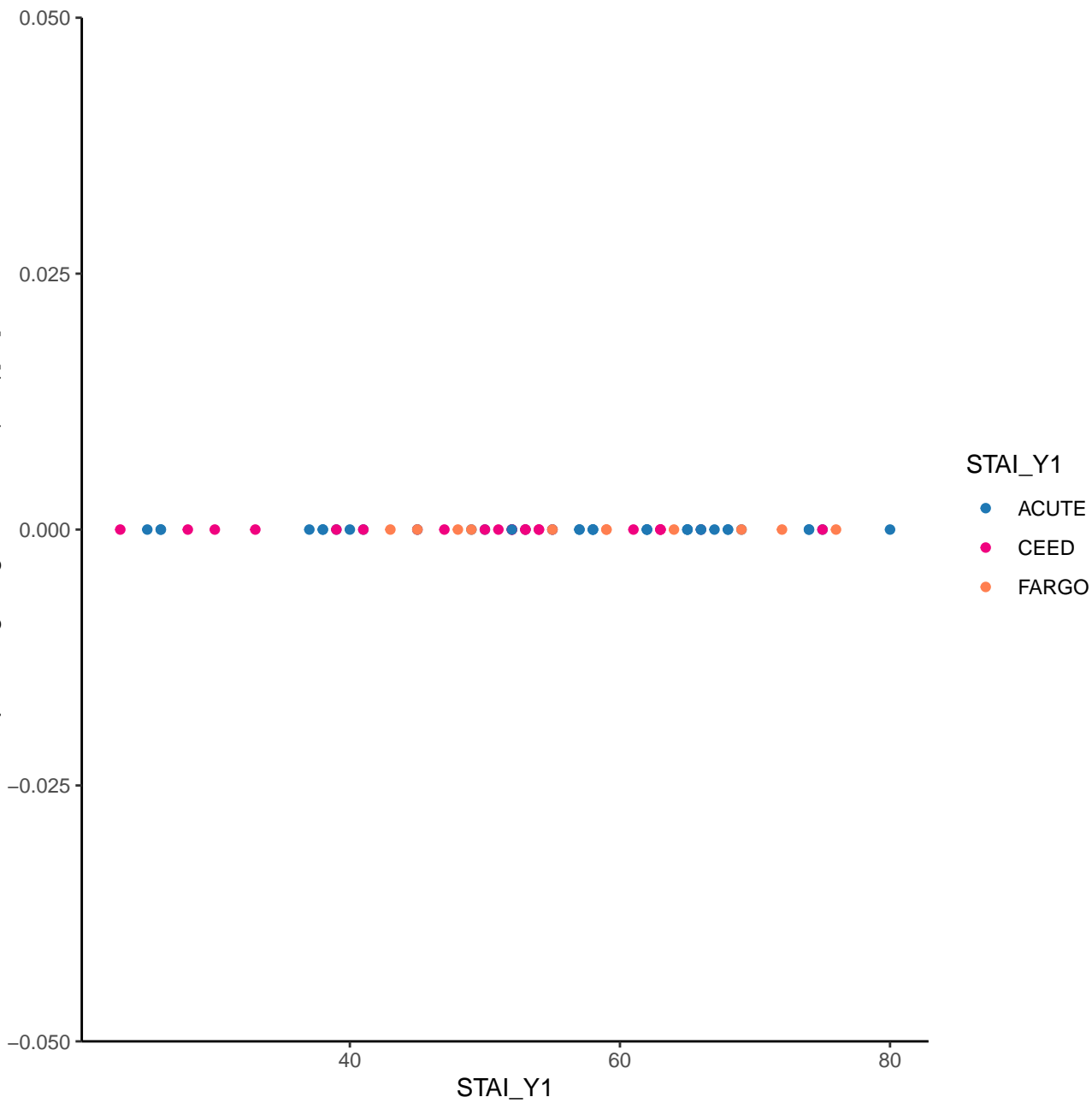
species: Roseburia.[17]

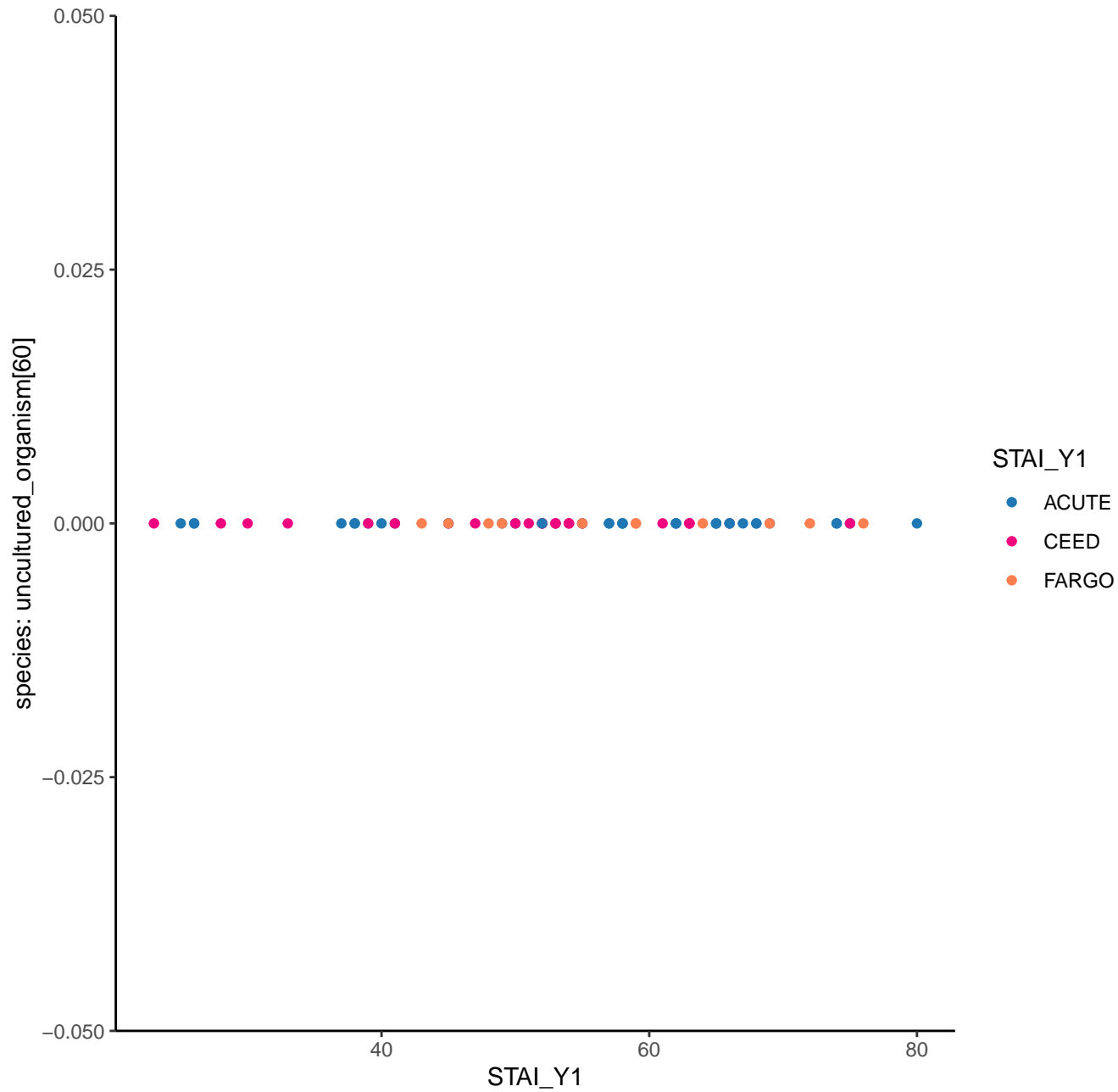


species: Agathobacter.[54]

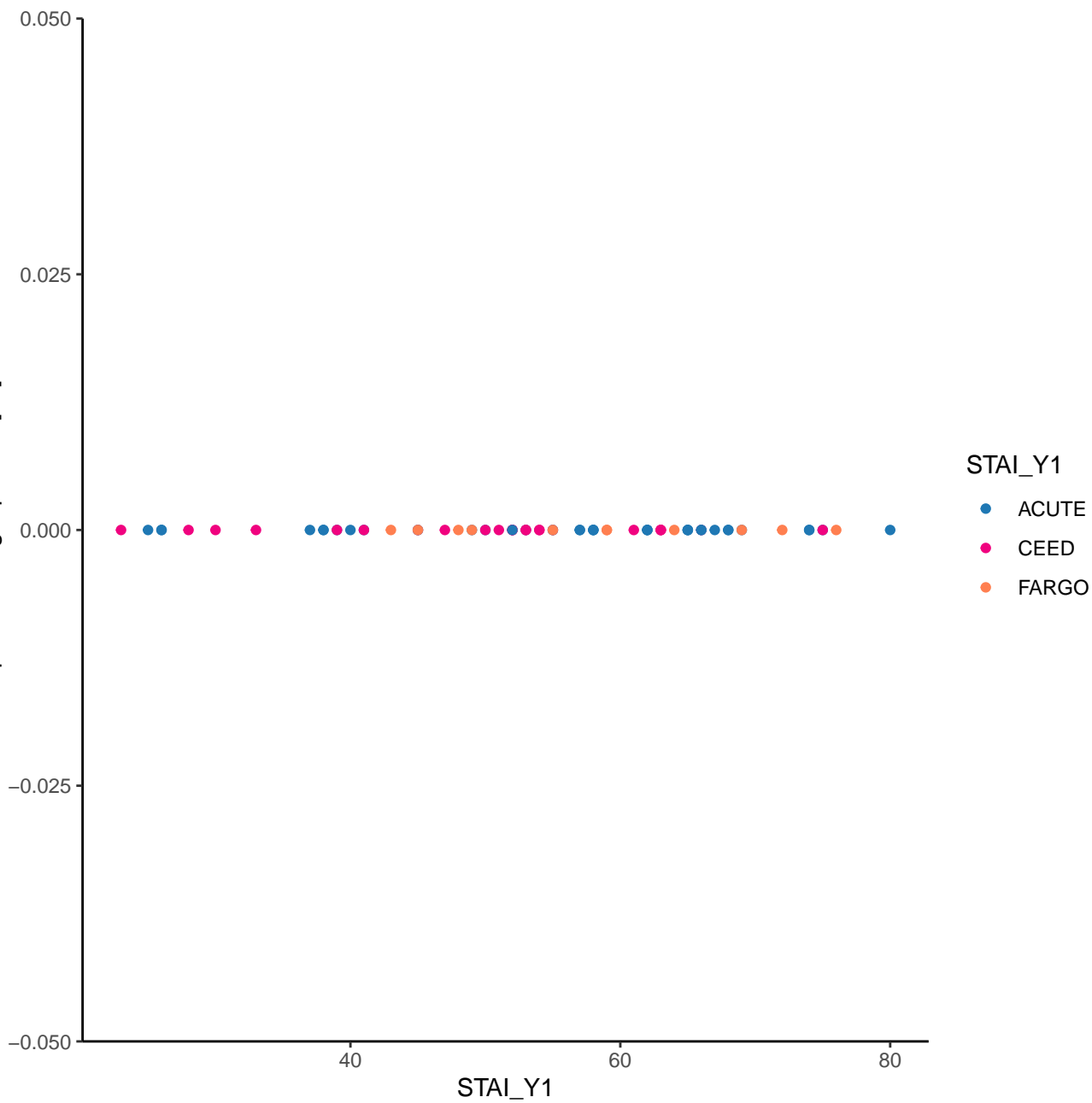


species: g\_\_Agathobacter (UB\*)[55]

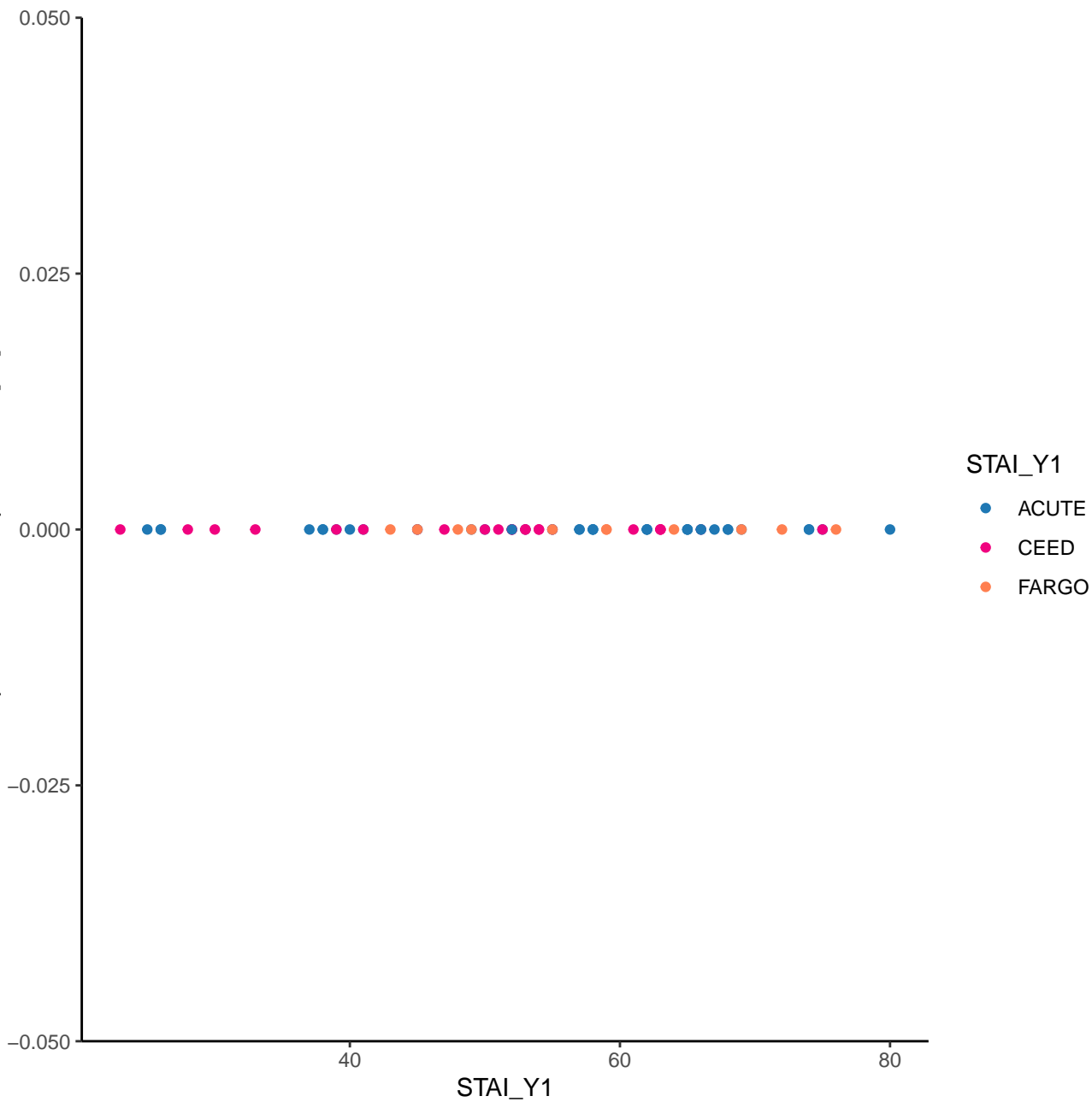


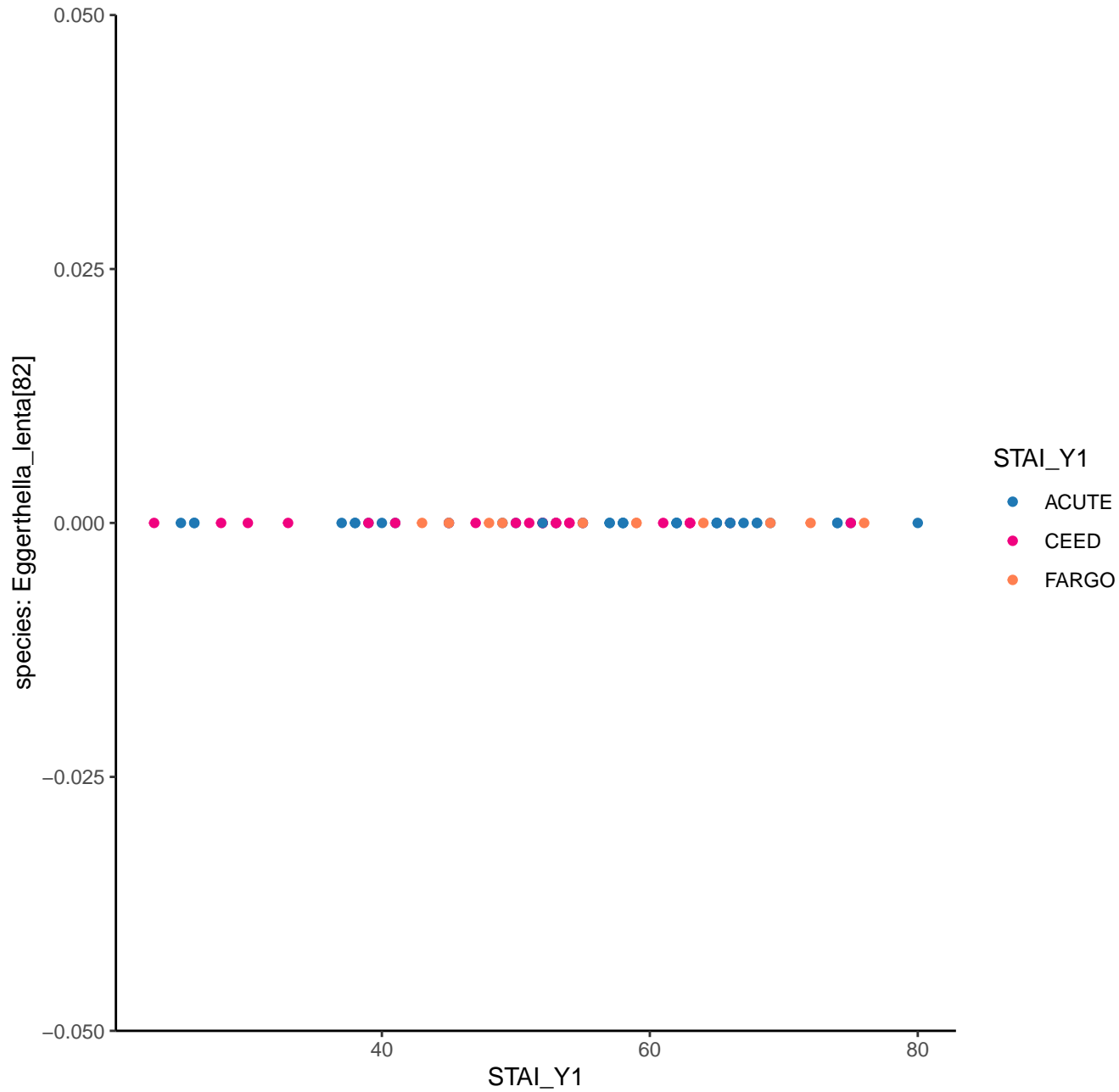


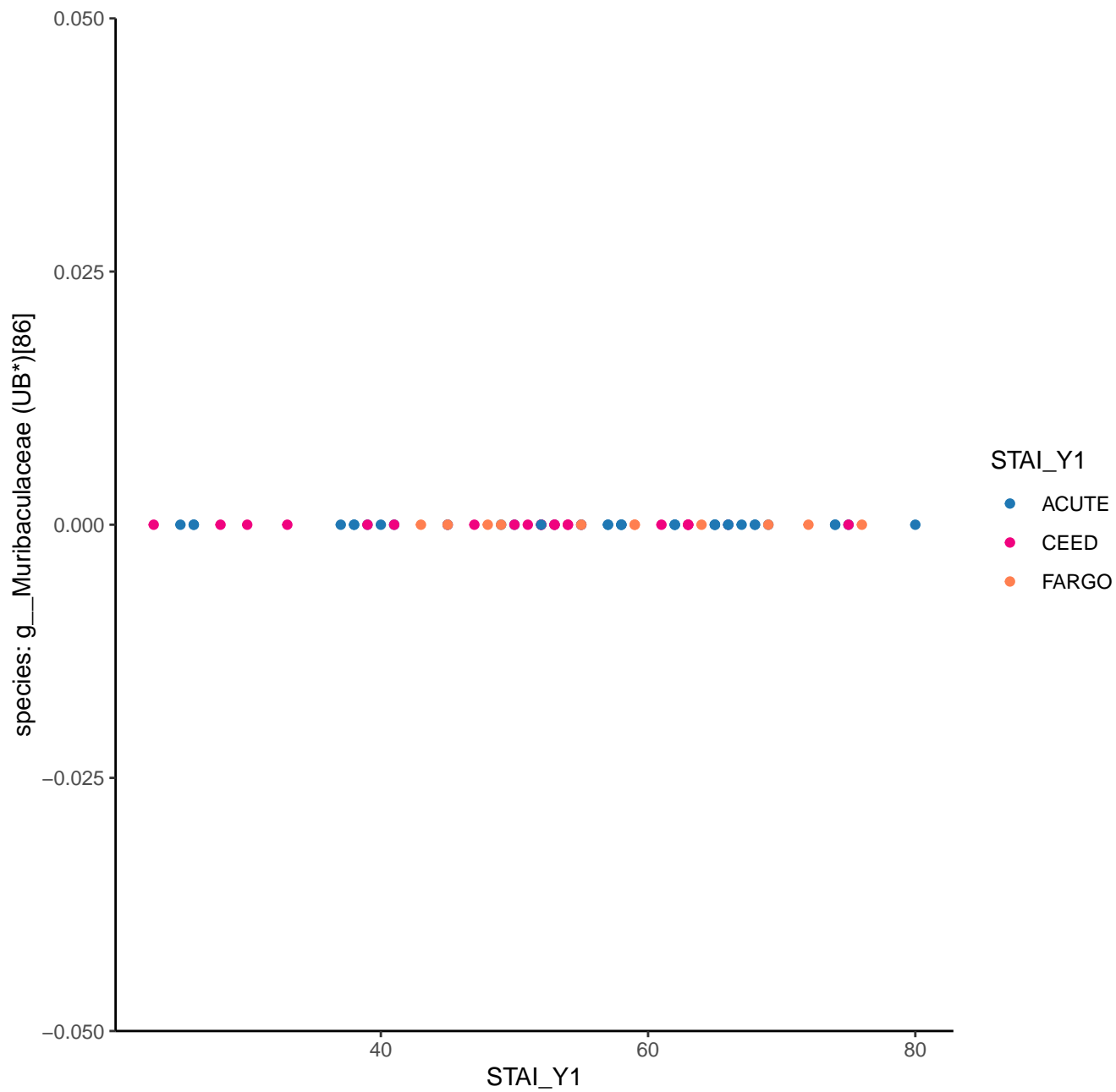
species: Megasphaera.[74]



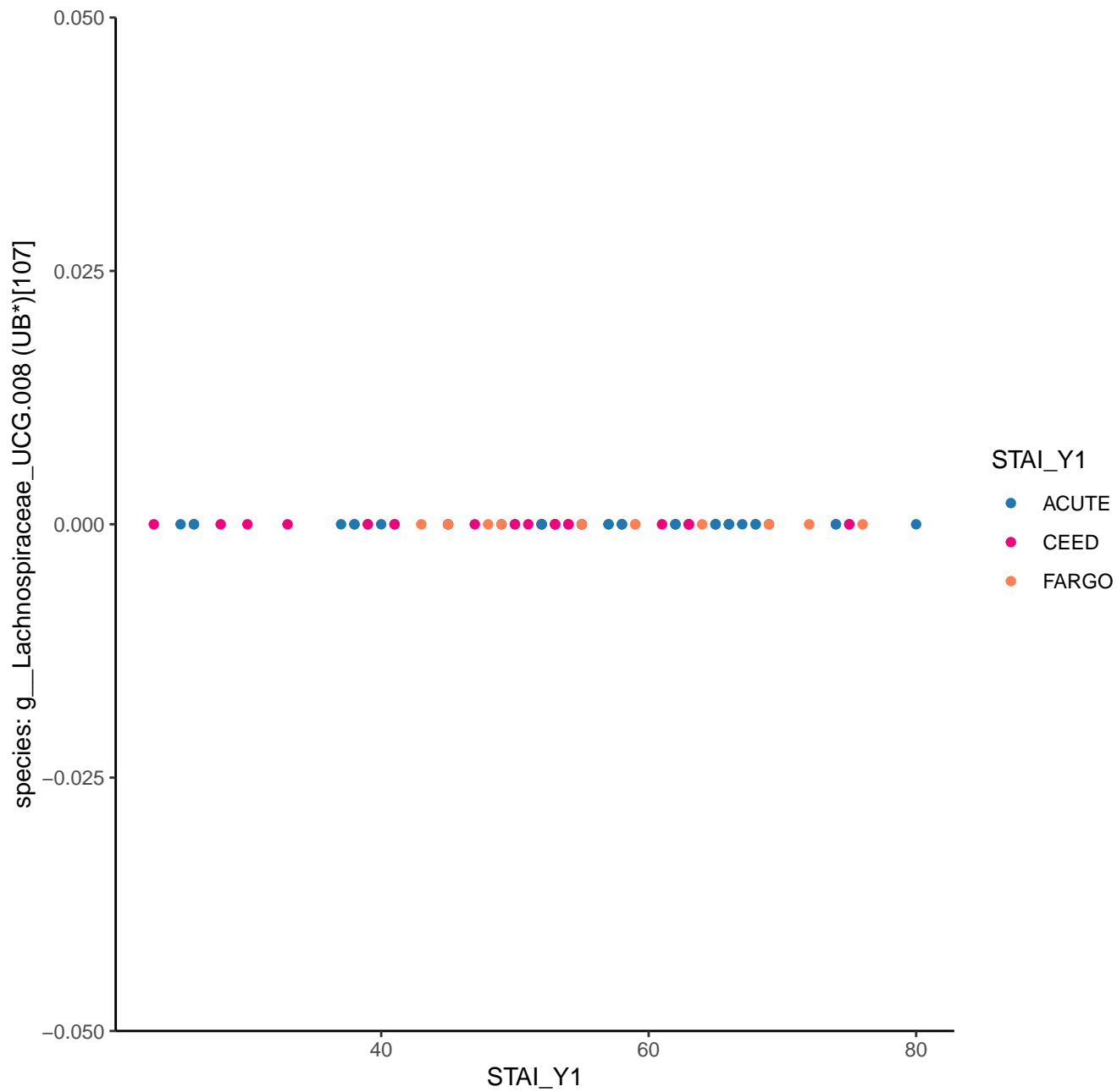
species: Anaerospirrobacter.[78]



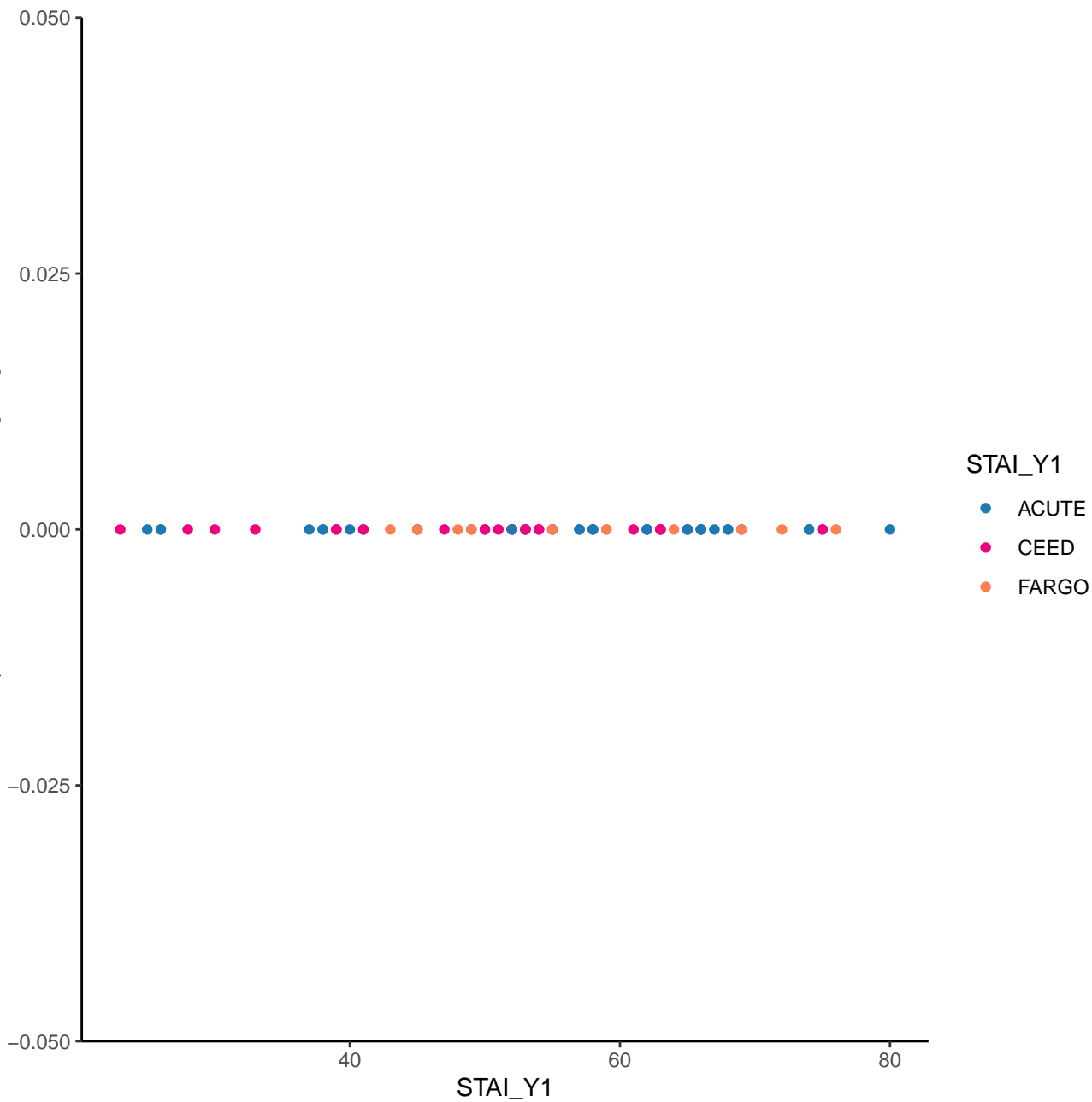




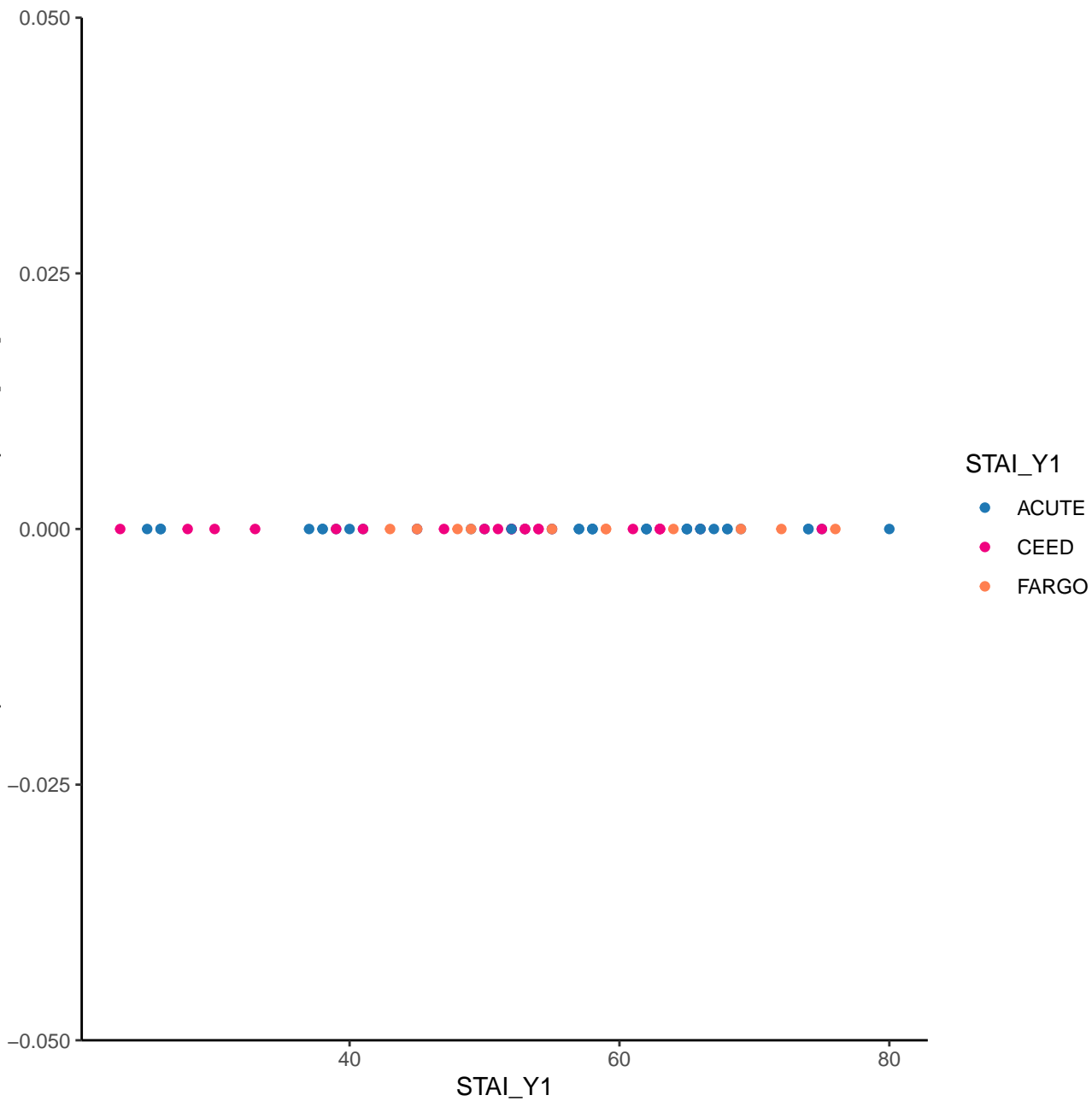




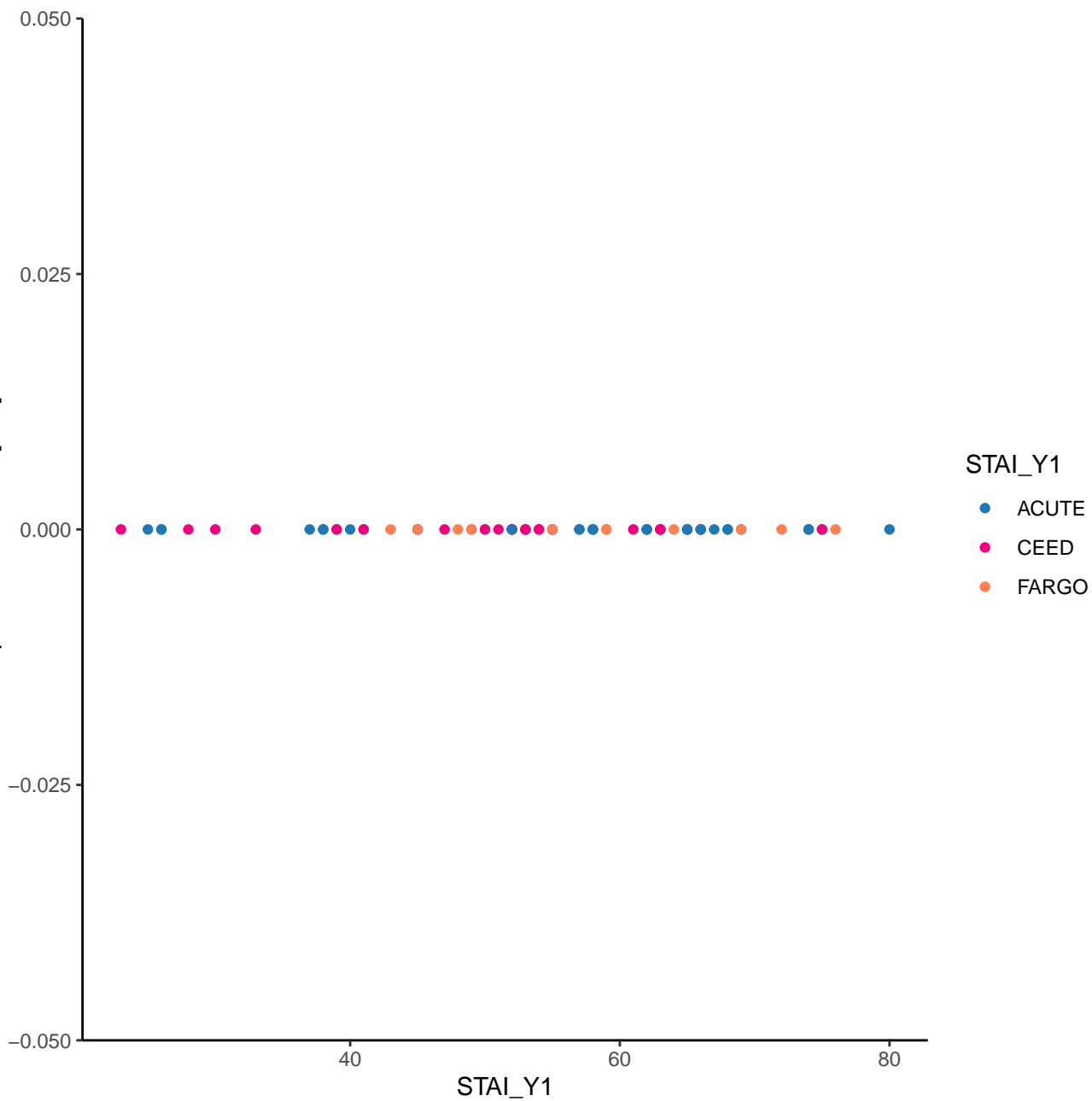
species: Pseudomonas.[115]

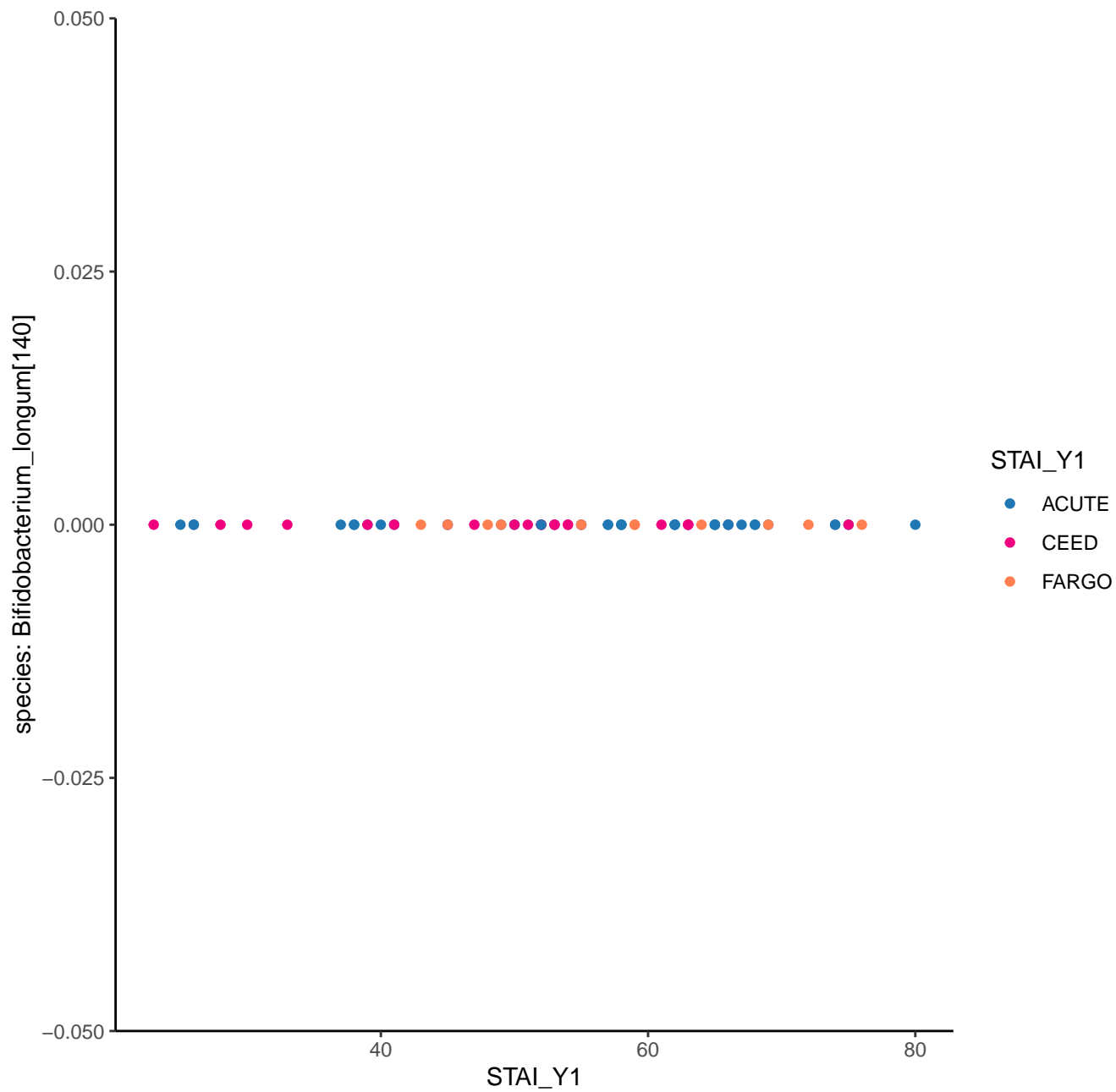


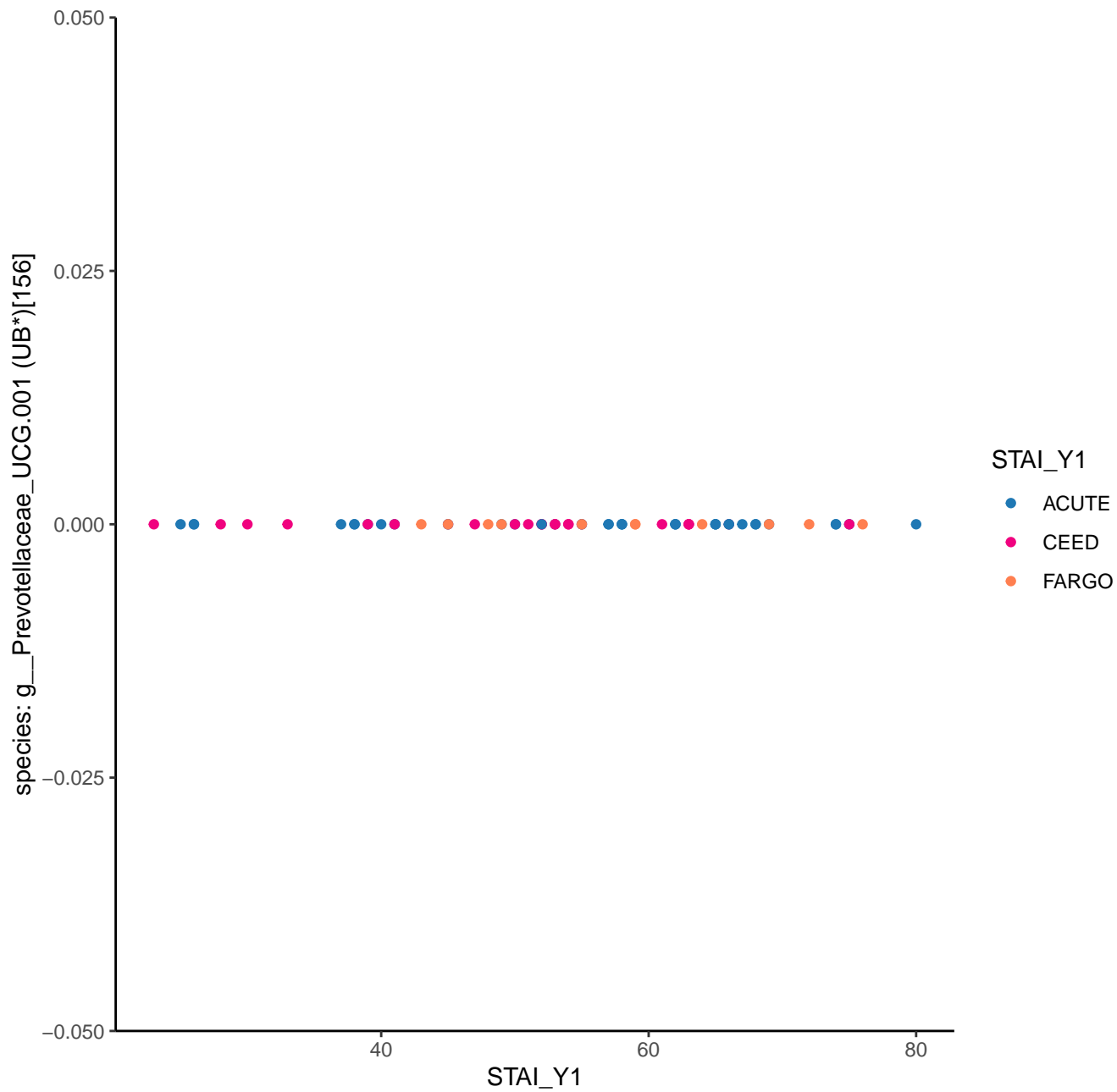
species: Flavonifractor\_plautii[123]



species: UCG.002.[137]







species: uncultured\_organism[170]

